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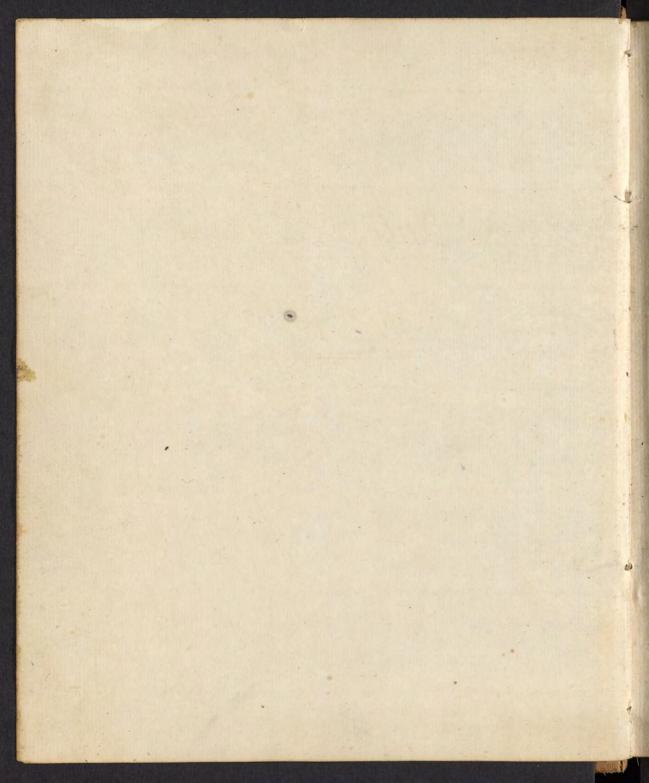
Class 10a No. 402

Presented by

Dr. Fred B. Rogers

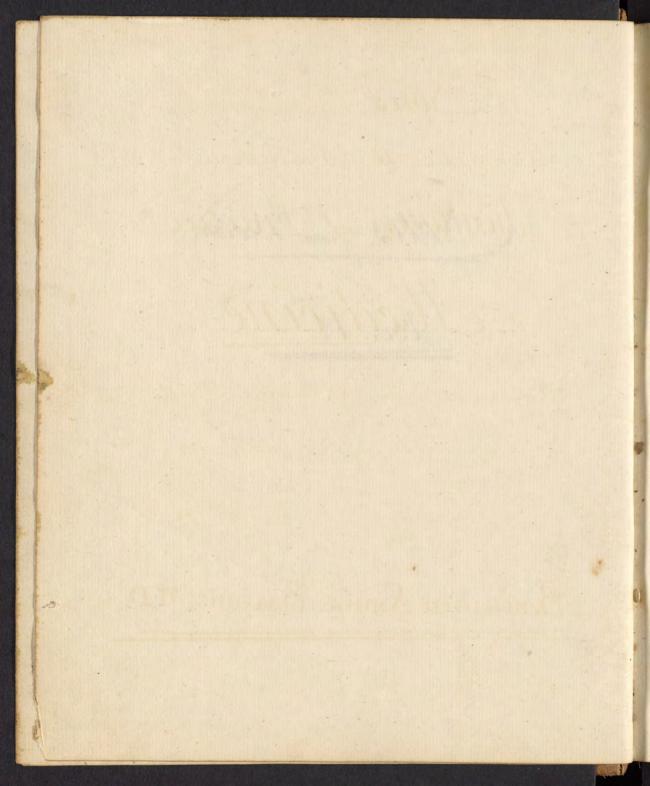


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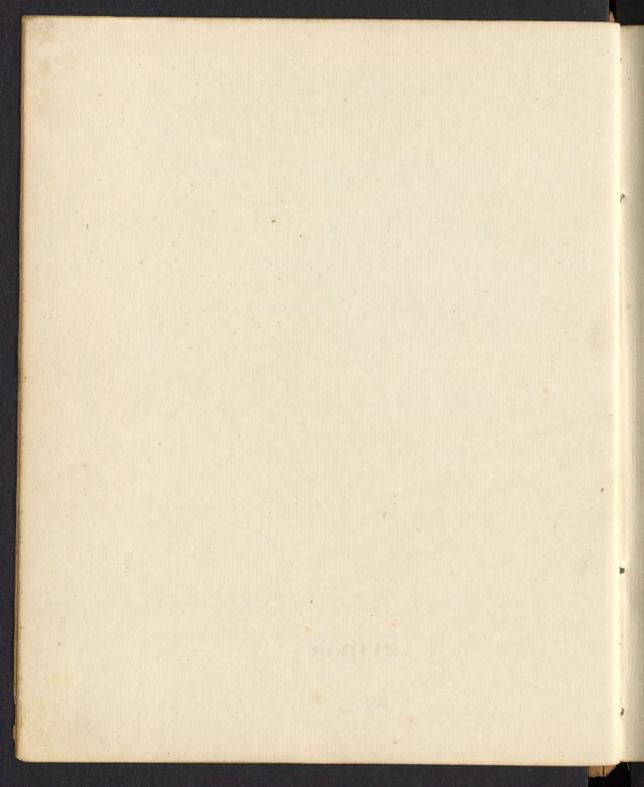


Notes from a Course of Sectures on the Institutes and Practice of Medicine delivered in the University of Bonnsylvania, Benjamin Smith Barton MD.

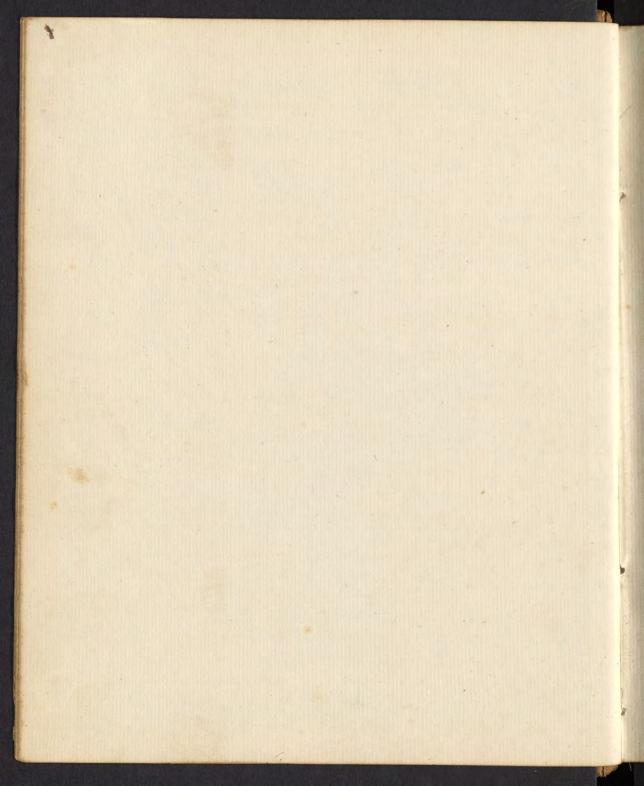
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Secture, 1st 1814

Jentlemen I come now to the most important, and
by faw the most difficult parts of the course; it is to teach the practice of physick; - and in doing this, I agree with the learned professor Dr. Cullen, that we should endeavour to give instructions for discer - ning, distinguishing, preventing, & cuing, diseased. The art of discerning & distinguishing diseases, continues he, may be best obtained by an accurate and complete observation of their phenomena, by means of which we may arrange diseases according to their Several genera & Species, which arrangements is founded upon observation alone, abstracted from all reasoning; the prevention of diseases, says the same author, depends upon a knowledge of their remote causes, and so far I concur in opinion.

with him, but I am for from believing that their cure depends "chiefly unavoidably" upon a know - ledge of their proximate causes, for many disecised are often weed, when we are ignorante, not only of their proximate but of their remote causes, In short, I know not what a proxi-- mate cause consists in, and shall say but little concerning it in this or any other course of Mosology * Is an arrangemente of diseases according in classes, Generas & Species, including the * More than an arrangemente, it is a description Cullens definition of Pyrecia is after thivering a quick pulse, increased heats, with interruption and desangements of the functions diminution

the phenomenas by which we distinguish them. An arrangemente Scontend is indispensible in all of theight weakings of foints. Tiever. Pyrescie, after languour lastitude and other segues of debility without any primary local diseases_ Intermittetet, Revers arising from march Measurate consisting of many Paroxy sme with intermissions returning with this eving Ine paroxysm a day.

Lystems. How could we do without it in Matural history & Botany much less in diseases. I do not propose any regular System of Mossbogy, as bullen and others before me howe done _ nor shall I expects any thing of that hinds from the Candistates for All that I at presente maintain is an arrange - mente according to their several affinities, Such an affinity no Physician can doubte, do we not percieve it between yout & Rheumatismo and between Leacorrhea & Catarrho - and between Dysenterry & hemorrhage: and where then is the impropriety of connecting them together & Lysterns of Physicke like all others may be incorrect, but that does not argue that they cannot be yet, imperfect? Matural History & Botany as

Dr. Rush, to be sure was opposed to Mosology but he could note do without this arrangement of diseases, arther appeared to him allied by their natural affinities. will begin with Fever (A) Because it is the most universal of all diseases, but before progressing further, I must inform you, that I differ materially from Doctor bullen, who considered the Totian quartian I Justidian as so many genera; they can be considered A) See, Cullens Mosology. without any primary or local affections, derived by some from "ferves" to burn, By others I from februs to purify, supposed achievety to be a faulty state of the fluids -Many other equally equally erroneous opinions ducceeded.

disease because they are cured by the same Nemedies; Evacuents and Tonics.

Timple FROM is a disease sui generis; it is different from a Symptomatic, because that has its origin from a local cause -I shall consider the phenomena according as they appear in Hever of Chemeral duration - The patient is firth affected with a sensation of Coldness, fre - quently pervading the whole body, but often confined to particular parts, he complains of to in many instanced encessively on the surface, while in the majority of cases it attacks the ex tremeties & particularly the spine resembling the

B Most common & most dangerous affection & constitutes nearly two thirds of human diseases, The division of Twors into Sebrile & non Sebrile incorrecto for many diseases very differente are brought together?

fouring of cold water on the parts. Sometimes the Sense of Pold is entirely local, and Sometimes Seems to pervade the bones entirely. It raises as regards its duration, Sometimes when the Chile is short the hot stage is short long and pice versa; This I particularly remarked in the yellow fever 93.— It is not to be considered as absolute cold, but only as a sensation, for in febrile Cold the temperature of the body is note at all diminisheds.

boina, pain in the loins & lough, the latter occurring principally in persons of delicate make, narrow chest & liable to batarrho, none of which are to be considered efsential phenomena of Lever us they do not always take place, the pulse is generally quicker and more frequent.

of the body is slightly diminished though never less than 90" Far?

Tho! some pretend to say that they have remarked a proternatural slowness of the pulses during the cold Mago; which afsertion must be received with caution, for I have never observed it, meither has De bullen except in thato state of lassitude which precedes the bold stage. The pulse is seldom under go do and rarely over 160. When it is small & debilitated, hard Hule, or weak and intermittents, it is indicative of great morbid action, D __ another symptom very Its The pulse is subject to many variations, in Lee bing it we thould always attend to the age of the patient, thus in Children, it is small and frequents and becomes slower as the age increases; in in -fants it beats 130 in old persons about 50 or 60. Boerhave founded his definition of Lever entirely on the pulse, saying it depended on Juquency, Like Heberden I make no distinction between cale - rity, velocity quickness & prequency of the Juelsa, The

very constantly attendants on fever is an increased heat The Intermitting pulse is generally dangerous; but the pulse is in a few instances, preternaturally slow in fever: Sydenham & Merhoff / Physician to Geo. 11. / have both seen many cases. Levoy has seen a slowness of fulse prevail in a fever which took place in Maples. Dr. Ruth agrees also, that its may be sometimes freternaturally slow in fever, The Sensation of heats is greater than the abso lute heats; the heat of the body has been known however to arise to 112. Jar. Doctor Gury has seen it as high as 1050 Bullen says the heat of the whole body is in creasedo.

of the body, sometimes of a pricking nature and then constituting the Calor mordens of Pringle & others. Increased thirth is sometimes attendant even to an inordinate degree; but it is not an essential concomitanto, for it is not always pre sente. The Matural Junctions are for the most parte much affected, the appetite is greatly diminished, there is a loathing of animal food, Mausea & vomiting frequently of a bilious matter and sometimes slightly tinged with blood, The vomiting takes place principally at the and of the cold stage, or commencement of the hote. I consider this state of the Homach as an essential feature of Lever, the I can't say that it always attends; for I have known the stomach so dightly initable during the whole period of feven, as not at all to resist the takeing in of Medicine. This vorniting is more common in the Whates than

in Great Britain on Europe. (Debility is a very constante attendant on, and may be considered a uniform character of Leven, though it is by no means always presents, for we sometimes, observe a morbed increase of Strengtho as in anania _ Mebrile de bility re - sembles that produced by intoxication & is Subject to varieties, being greater while in an direct posture in bed, than while lying down.

Insciety also accompanies fever and a sen- sation of a peculian kind felt in the region of
the heart & Stomach, constituting the anxietàs
precardeales of Hoffman. — Un affection

H

I do not consider this as absolutely debility, tho! the system is somewhat weakened, very sober people on the first attack of Syphius & yellow fever are thought to be drunk. Debility indeed is an essential part of seven, it was considered as such by Sodenham, Hoffman, Boerhave the elder Monroe and Dr. Rush.

an affection of the intellectual powers occurs for the most parts through the whole course of the parayyour, particularly as relates to attention & recollection. Delirium sometimes appears in the cold stage, but is more common in the hot. In some violent fevers, there is very little delirium and in some fevers none at all. There is generally a want of natural & refreshing Sleep, attended with a troublesome and disagree - able head ache -Thequently the sensation of the head does not amount to a pain, but merely to a Capitis gravitas. Hever will not admit properly of a concise definition but may be said to consist of Coldness, heat, thirth, and confusion -Oburing the cold stage the respiration is small frequent and anxious, in the hot stage more full and free, but is still more frequent banzious,

which anxiety is not mitigated till the flow, of sweats when it disappears,

These then are the most striking phenomena of Ephemeral fever; such a one as an Epidemic, I have never seen, though I have observed a few Scattering cases of this kind in the year 93.

I have also known Intermittents to be finished by a single paroxysin.

An absence from fover is called apyrexia, and the length of time intervening between the end of one paroxysm & the beginning of another is called an intermission, and the length of time from the beginning of one paroxysm to the commencement of another is called an interval, The most common interved is 48 hours, that of 12 hours is not so frequent; but that of 24 hours is the most common in the Ustates, there are also quintans, Sortans & Octans, which last I have seen strongly marked in

Saundice, _ a paroxyam rarely continues longen than 24 hours, and if not then completely Linished there is sometimes a remission of fever consti--testing the remitting fiver which is espe cicles marked by the subsequents paroxy sm, commencing with the cold stage, but if there be no cold stage I the subsequent parayysm be marked by an exacerbation of the hot stage, ito is called a continued fever, but if there be no remission whatsoever, and there exists as it were but one complète parofysin it is called a Continent Gever which I have more than once seen in my practice. K

D When a number of Baroxysons occur, the intermissions are in general nearly equal.

I. The Remittent fever is frequently of a very dangerous character I consider the yellow fever between Remittent & continued.

K - a continent fever rarely continues longer than I days

Of the Crisis of Fever - This is denoted cortain evacuations as of foecus, wrine, sweat to these may be either saturary or indicative of death, the Lavour-- able seem to be known by the falling of the pulse during the evacuation, to the natural & healthy Handard - and if it does not occur we may be as-- sured the patient will not derive much benefit from the evacuation.

The discharge of Swedo is the most frequent, next to that, is the discharge of Urine, which is pale during the cold stage, red during the hat, and deposits a latuitions sediment at the close of the paroxy sm_ it is this sedimente accompanying the plentiful dis--charge of Mrine that especially makes the criti-- cal discharge, but the most complete & certain so_ - lution of the Sever is the occurrence of sportaneous

healthy standard.

O Especially in intermittents & phlymasia, though fivers are often terminated by no perceptible evacuation.

discharge from the bowels. The ifsue of Fever particularly fever of high action in plethoric habits) is characterized by other eva - cuations besides these just mentioned, big a violent Kemorrhagy, particularly Epistaxis which is favourable in the beginning, but in many instances the harbenger of death, as in low and Chronic states of fever - Sportaneous Salvation, which is very rare, but occurs in confluent small pay, when it is always salutary. a solution of fever by an alteration in the secretion of the tongue is also very common. Sometimes Sleep particularly in acute Mania. P

P. Also by a discharge from the haves, the appearance of the tongue is often of service. I know of a physicians who will never give Bark untill he discovers the tongue to be come Moith, Affman also supposes that the symptoms before a crisis are often aggressated at first

Much has been said of the necessity of the knowledge of Critical days wer since the days of Aippocrates, the author of their existence in the books of medicine. They were maintoined by the credulous se Hoen, the illustrious Cullen & the late professor Plush, but I see not a single facto in support of thems I consequently reject them as being superfluous & unimportants.

forms what he called perturbatio critica, but of know nothing of this.

They would be plainly seen in some parts of the listates, besides there we find the founders of their days resting them on the most trifling basis. Thus Dipported by the supposed every critical day to be governed by the number of meither De Hoen, bullen or Rush have advanced any proofs of their existence, bindeed we continued)

5 continues

and indeed we cannot fix upon a day, for we cannot state the precise time that the fever commenced on when it has ended, and we often see those fevers terminating on noncritical days, The defenders of these days say, that we cannot observe them now, on accounts of our not giving nature time to act, but as the practice of Sippocrates was mild he often observed them, but the practice of this great man was very energetic for we find him reging Cantharides internally, Melampodium Hot Bath to and on the contrary the mild practitioners of the South of Europe make no mention of these day of Colsus says, that ascepiades who practised in the Same climate & place as Hippocrates, & not long after him, sidicular this idea of critical days of both climates similar to that of Greece) deny the foundation of them - Ruch & Darwin, neither of them bring any proofs of this theory, I therefore do not believe in them, tho! I cannot artirely disprove them.

of Intermittent Fever. Fine the particular phenomena of this, I refer to An bulleris first lines, also Darwins Joonomina and John Browns Elements, where they are both slegant and acurately detailed. Intermittents are of two kinds, regular Vinegular the first when paroxy sins come on at regular periods, the 2no at irregular They occur particularly at 2 seasons Dig- Spring and Autumn, hence they are distinguished by the terms Vernal & Autumnal _ The first is of an inflam - matory type in general, and the second for the most parts of the Typhus & Bilious nature, though the vernal is sometimed conjoined with the Bilious Symptoms. As The bernal A Although a regular Intermittente consists of a number of paroxy sons with an apyrexec between them, Get many of the Southern practitioners day (continued over leaf)

A continued) they never can find in their climate an appreyia in an Intermittente, but we may take the above as a general definition - Intermittents prevail in every parts of the Worldo. A quotidian is when the fever on paroxysm returns wany 24 hours a tertian 48 - a quartan 72 - there are also quintary Sentans, Octans, Monans to _ Homen also Merkloff and pan Sweiten, have often seen quintains, Sextans are very rare, the cases have been seen _ Boerhaan has seen a Teplan - Octors are more common, but the only care I ever saw far I related above) was in the case of a lady who had faundice with a swelled belly, the had a regular attack of Lever every Saturday morning for 3 months, I was cured by arsenic, Blisters to _ There have been cases of Monans also & Workloff has seen intervals of 14 415 dys Such cases Suspects are more frequent than we imagine;

A continued but as many persons do not notice longer intervals

than 4 or 5 days they are not noticedo. There is also a

double quotidian having 2 paroxysm every day, bute

this form I believe is generally a remittento; also a double

tertian having a paroxysm every day with the first, this

Similar to each other, this form often accompanies

kepatitis, dropsy's. Cornal intermiteuts often nun

into a typhus state as was the case last spring;

The vernal is stopped in its course by the diseases of summer, the distumnal is cut shorts by the coming on of frost.

been afserted by some authors that in some countries old persons are extremely liable to be taken of during that stage, Yet I have never meto with an instance, but here observe that it is upscially in the hot stage of Intermittents and likewise in the approaching form of the same disease.

Durations of the cold stage vary from 15 minutes to 24 hours, vernal Intermittents are sometimes salutory as they have prevented fouto Rheumatism Gravel, but they are more frequently alternate with these diseases and many others which will be mentioned hereaften, but autumnal Intermittents are always prejudicial. The consequences resulting from protracted intermittents are an enaciated state of the System, enlargement

incurable facincia impairment of the intellectual functions to.

(*) Quarton have the longest cold stage, but shortest paray - your , Quotidians have shortest cold Haye but longest paroxysm - Dr Linne has never seen death produced in an Intermittente except in the hot stage - and Ir Strach has seen many old persons in germany carried off in the cold Hage - aparoxysin is divided into the Cold pot & Sweeting stages - The Cold stage is where in by a Lassitude & sense of Coldness as if water was poured on the back, the their is corrugated the tooth shatten If there is a shivering of the body, often a bitter taste in the mouth & auxiety - sometimes it is ushered in by swere pain, & Coma takes place in some cased The hot stage comes on gradually and at firth alternates with Chills, the heat experienced neven rises as high in the Intermettente as it does in the continued fevers. Head ache turgidness of the eyes

Of the Prognosis of Intermittents,

Quartans are the least dangerous, but most obtinate

Vliable to relapse - The following are favourable

appearances; pustulous eruptions about the mouth,

Spontanious Salivation unaccompanied by aph
addinium flushing to Inequently occur in this stain. Of he

delirium flushing to Irequestly occur in this stage. The Gulse is fuller, strongen, though less frequents, than it is in the cold stage, the Urine is high coloured, and at the close deposits a lateritions sediments, the blood is often of a buffy appearance, with the serum of a deep yellow colour, this last symptom perhaps occurs much oftenen here than in Europe. after a short cold stage, there is generally a long hat stage, but often we find no proportion between them. The hat stage continues from a few hours to a whole day, it is general -ly terminated by the flow of Sweat which generally relieves the body, though quartians are often terminated without any Sweats.

aphthous tonque; aphtha is very unfavourable, Cutaneous exceptions which are attended by itching, enlargement of the parotids in the commencement of the complaint, a moderately ocdematant Swellings of the limbs, such as is produced by assence, when long protracted obscure hearings a termination of the hot stage by copious sweat, a moist their during the interval & a copious discharge of Mrine, But patechial spots, much drop dical swelling, scarcity of Wine, Mens of the Jances, Diarrhoea, yellowness of the Min, long con - timornee of the hoto stage without being termi nated by sweats & dry skin in the intermission are unfavourable, to which may be added, They are more dangerous in hot, than in Cold climates, & more so when accompanied by malignants epidemics, such as plaque byellow feven, because they are apt to assume the form of Intermittents.

Of the Remote Causes. : 1:

The effluria from moist bood, bold, and Some say contagion which I do not believe, the exhalation from living vegetable matter as Stramonium, the odour of this plant is occeedingly strong and disagreeable to much So that it can readily be distinguished a quarter of a mile - I have known Fetamus & Ay drophobia produced by its, Dr Baid of New York informed me that an Intermittent five -vailed on the Shirts of that bity which could : be attributed to no other cause than the large

Kaise Measma, the former arising from persons on animals, the latter from vegetables, living matter and from the composition of dead matter, as in marther swamps to, but it is often difficult if not impossible to tell watter a disease has arisen from the one of the other. Thus Tylus is known to arise from both causes.

quantity of this vegetable growing contagaous to that place I Lastly marth Micesma is the most frequente they for the most general cause; its nature is unknown, Chemists have attempted to find it outs by an analysis of the ain above those places, but were unable to detect any properties in it different from those of Atmospheres in general_d. which was taken into the System by being exposed to the influence of this Miasma I and indeed the opinion seems in some measure substantia Is Intermittents were very rare at Vincennes near the low -bash before Stramonium became common there, a law was therefore passed, to have it ent down id: Triestly supposed this state depended sopon a poison intimately combined with the air - Rame supposed it to depend upon moisture alone. H. But many of Limocusi arguments are very trifling. Dr Mitchell

distermittents are more common in the argillaceous Countries of Scotland, than any other parts; but in fact we know nothing of the nature, It has been soil that the pollon of vegetables is productive of Intermittents, but I see no reason for this supposition for they are every year plentifully diffused through the vicinity of this place without causing this complaints;

Hi continued) Dr. Mitchece of Myork, rays that the air is hervaded by a peculian acid behich courses the disease, and this being neuteralized by coming in contacts with the argillaceous earth renders it inerto. I says the intermittents therefore seldom pervade calcareous countries— This opinion of his I thinks unfounded and not worth notice. In Walker of Scotland says that Intermittents are unknown in the vicinity of large quantities of Leat Moss even though there is exchalactions from this.

the buth is that the ain which Scatters the pollow brings along with it the Miasma which causes Intermittents I Of the time of the Micesma's entering and affecting the System, This varies from 2 hours to 20 days, I have been the same evening affected with an intermittente after having been exposed to the influence of miasma I Blighted grain may be also a remote cause, bother Micesma be of one or different kinds, it is difficult to say - Dr Cullen says it is the same only different in less or greater degree - A Jerman Physician related that Rotterdam had been for some time affected by Intermittents in consequence for it was suspected of a large quantity of marshy ground near the Town, in attemp ting to dream off the water a large quantity of mud was exposed to the inflerence of the New and the Lown was immediately seized with a Llague.

Miasma on the banks of Schuylkele, though I have informed you that my System is very susceptible to such causes - Dr. Darwin also informs us that he was affected with an intermittent the same evening aften having inhaled the Miasma. Dr John Aunten has justly observed that it may he dormants in the System sipwards of 20 days without being called into action by exciting causes, many instances of which fell within the sphere of my knowledge. To this I will add , that the ap - pearance of Intermittents may be suspended by the intervention of more powerfule diseased, as measles, small pox & .. N.

IN: Dr. burry seems to think that contagion is taken in through the medium of the lungs - I however think the Stomach by far the most probable avenue. As to the distance to which contagion may extend, In Rush thought 9 miles to be the furthest, but as we can often perceive the seems of matters on shore when some distance at sea I think it may at much further.

Of the Eure.

I will follow bo bullen in his I general indications for the treatments of this disease - It in the time of Intermissions to prevent the recurrence of parox yours - 2 my In the time of paroxysun to conduct them so as to obtain a final solution of the disease. 3 dly do take off certain circumstance which might prevent the Julfilling of the two first indications. I begin with the treatment of the Intermission which is by almost all authors conducted by the ad--ministration of Tonics and astringents. It is the opinion of many that remedies act here exclusively from their poborant principle; but I disagree with Dr. loullen who says, the recurrence of a paroxyom depends exclusively whon the recurrence of along in the extreme vefsels, for many of the infermentia put a stop to this disease, when it cannot be alledged that they do it by a tonic principle - However of will assume the principle at present that the

chief of the medicines which care the disease depends syron their action unquestion ably upon their tonic power - I shall divide these Me - dicines according as they are taken from the pegetable animal & mineral Kingdoms. and first from the vegetable - at the head of which I shall place the bortex Perciveanus of which there are 3 species, big Lancefolea or pale Bark - Longefolea or Red bark - & Latefolea on Mellow back - of these the pale is by far the best, because it is the leath liable to produce puking hurging hemeplegia & other consequences generally ascribed to bark; the next in quality is the yellow, but it is generally much adulterated; and the worst of all is the ped, being

[:] R: This was the only species known to Sydenham and he complained of its being much adulterated

the most liable to produce purging la -The whole of them are bitter, astringente, I aromatic, whon which last property we need not rely for The cure of diseases under consideration; the febrifuge principle is confined chiefly to the astrin - gente & bittaro quality - Of the proper time for administering the bark during the disease -Dr. Sydenham & Morton never administered this remedy at the commencement even of an apy-- pescia - and Sydenham was of opinion that the discase should be suffered to continue some time that, that the System should get rich of a morbid something which might exhaust on destroy the patient if we were to interrupt the

The birtues of Bark were once supposed to depend on a peculiar quality denominated Chinconism but for this opinion, I think there is no four - dotton.

Salutary effects of Mature in her struggles to throw off this Moscious matten, but this opinion was as incorrect as his practice; and many no doubt have suffered from the consequences incident to intermittents from the pursuance of this plan, But in opposition to this plan of treatment of would inculeate the practice; never to suffen an intermittents to pass by even after the oc - currence of the first paroxysm, without administering, the back, if the pulse & Sto mach will permit, I have the authority of Dr Lind for this practice who had the fineth opportunity of seeing the result of the two me thods - in many he has seen the disease Thrangled after the second paroxysm by the timely administration of this remedy. When in others, while it has been neglected for some time during the continuance of the disease dropsy & foundice have followed. If the most

effectual time to give its during the intermission. It has been the practice of In bullen Kothers to give large dotes immediately before the cold Stage, and almost entirely to neglect the admineitrection of it, during any other time of the intermission, but this is by no means a correct practice, with very few exceptions, for so great is the irritability of the stomach at that time that it would either reject the bank, or receive best a small portion at best - I consequently withhold the back at that time, and always give large doses at the commence mente of an apyrexia. But in quartans we are to give large doses at all times, not regarding the restrictions I have mentioned - as br. Heberden always found them more completely removed by giving large doses just before the accession of the Gold Stages, and in the apoplectic Testion

despecially inform you never to omit a moment in giving this Medicine, I like bullen throw down large doses at the commencements of the cold Stage ___ Many eminents physicians give this Medicine at all times of the disease, not Regarding the intermission hot stage, cold stage or Sweating stage. This is the opinion of In Clarke of Indostan & of Mysicians of hot climates, for I have found that the back given at any time during the febrile paroxy son more especially during the hot, exacerbated every symptom. Yet in very warm climates such as the Southern parts of Georgea & South Carolina Glorida Ve - The experience of those Gente on that account must influence us in some degree, They remark that it is particularly beneficial given during the hot stage, if the skin be moit; and here then it will be proper to use it though only in hot climates, and should sleways be

with held if the skin be dry, except during the 3% intermission. intermission. Of the dose Many practitioners are in the habit of giving no more than 15 grains 3 on 4 times in the course of 24 hours, when given in Such small quantities it is of no use, we sh? never give less than 31 at a dose and that carr? to the extent of 310 in the 24 hours, the medicin dose is Zifs:X: Of such additions as improves the virtues of Bark. In the vernal Intermittents where phlogistic diathe sis is for the most part present there additions are not to

X. The best mode of giving bask is internally by the mouth, it is also given in Encincis; also by wearing a waistcoat quilted with bask, I have often cured the Intermittents of Children in this manner, but it should always be taken off during the paroxysm.

not to be made; but in autumnal where a Typhus tendency is remarkable, there is an almost absolute necessity of the substances from the vegetable Kingdom; the first Shall mention is the Serpentaria; this may be given in founder or in tinctore or decoction during the intervals of using bark, so as to use a vulgar phrase to wash it down _ In The Contex Cascarilla; I muth say something respec ting the unhappy fate of this article, alpines thought a remede of the first importance in the cure of Intermittents and the Stah -lians preferred it even to the Percevian back, It has something of an aromatic & stimulant mature, and consequently in bernals it is not proper to use it, but in those sweeping intermittents which have pervaded some parts of Virginia & Cennsylvania it is peculiarly

Suited because all there assumed the Typhoid Type - 3" Capsicum & 4th the powder of mostard combined with back, both highly improve the powers of this medicine, I'I have employed them when this combined with the happiest effected, they are to be used Singly in conjunction with the bark, The potionale of their officery is the same with what we said above Niz they are only to be used in Intermittents of a typhoid tipe to the Camphon is an importante addition 31 of this to Zj of bark was found in India equal to Zij of bark given alone - 6 th Opium which has been employed extensively in beylow in those violent Intermittents which prevailed there and which commonly proved fatal in two paroxy sms, it seems they used it principally

on account of its stime lating property & to calm the initability of the Stomach, but hi the United Hates it is especially useful to prevent the purging of the back - Hemlock is another article which has proved succeptful in Italy when Bark has failed - among ale the additions I am less able to explain the rational of the combination of Crystals of tartan which has been successfully employed in all parts of the Ustates _ It is probable that it is particularly adapted to those intermittents having a tendency to visceral obstructions, Constipations & bropsy, but this I must con feld is very unsatisfactory. Of the additions from the Mineral Kingdom The most important is assence, which has cured well when bark has failed Mercury,

I must observe with respect to this article thate I have never known it to cure an Intermittent, But after Bark has been used unsuccessfully a slight Ptyalism certainly prepares the System to be more effectually acted upon by the tonic power of this certicle. Of thre Substitutes for Bark. Then are various, 1st Salis on Willow of different kinds, Cornus Florida, the different species of Magnolia, the frumus Virginiana = 2 no Substances of a more stimulating nature as the bortes angusture, Calamas, Surpentine Mustardo Garlie 40 - 3° from the Mineral Kingdom we have as useful substitutes for the back viz The Sulphote of Zine_ Sulph. Cupri, from Lac. Lat. & Ousenic - The white vitios on Sulph: Jinci has been found very successful in

in Jeunessee, I have never employed the flowers of Zine but I have been informed that they have cured Intermittents when the bark had failed. of the Blue Vitriol In Donald Monroe was among the first who brought this medicine into notice as a remedy for Intermittents and its reputation is not without foundation for I have imployed it in about for 10 cases with success where the Bark be arrenic had failed, it is generally accom--panies by Mausea, when its efficacy is improved, yet it is always propen to com bine with ite the powder of gingen or some aromatic, we should commence with doses of from 16 to 18 of a grain 3 on 4 times in 24 hours and increase very gradually according to what the stomach can bear,

Its moders operandi is similar to assenio-Opon I have used with considerable advantage both combined with and during the intervals of using the bark * Saccharum Faturni, wice certainly prevent in many instances the recurrence of a paroxygen of an intermittente, but it is a dangerous permedy & should not be employed titl all others had failed, and then with much caution tip it should not produce a good effecto in a You days we should discontinue its .ansenic, This is by for the most importante of the mineral substitutes and may be considered little if at all inferior to the Germian Bark.

* This Article however is by no means powerful in the cure of Intermittentes - 3 on Agrains may be given 3 on 4 times in 14 hours.

It is the white oxyde of arsenic that is diefly used, for the regulers is an inerto substance I have principally given this medicine in the apprexice, though I do not think it is by any meden so necessary to abstain from its during the paroxyom as the Bark, It is much better ladap ted to some than others, I those to which it seems peculiarly sented are the bernal or such as are charactarized by a plethoric diathesis and not those of a typhus type, I saw this fact exemplified in the years 1804 \$ 1810 and I think the intermittents of 1813 have been much of an atonic character for they generally resisted the powers of arsenic - It is necessary to observe with respect to this article, that should it produce no evident effects in the course of a few days say For A it should be laid aside - Thus after you have administered Egrains, which I think dufficiento to as certain the result of its use, and there should appear no manifest alteration for the better, it should be

rejected at least for the time present byou she have recourse to some other article, which may be better adapted to the cure of the disecise _ I do not wish to be under stood to say that is not at all suited to the cure of obstinate inter - mittents - You bo Howler has succeeded in the cure of many of that character by the agency of his solution given in doses of 8 or 10 doops given 3 on 4 times during 24 hours, the Dr has very justly observed in relation to this article that it will prequently fail when used above, but will succeed when combined with bark, for I have had many opportune -ties of observing the success of this practice and advise it to be followed whenever the arrenie is used both in the remitting and intermit_ -ting Lover's - Of its moders operandi, I am not disposed to believe that it acts in the cure of Intermittents in any manner by its roborant

power, for among the first effects that we perceive following the use of this medicine is nausea which constantly attends throughout its employments. Now many and in fact all the Tonics properly administered impart to the stomach a degree of activity & tone essen tially different from the use of arsenic, Besides the patient often using it for some time in the convalescent state is extremely debi litatedo uno his system relax? - a remarkable instance of this kind I saw in a patient in the Cennsyla Hospital to whom I prescribed the asenic pile which cured him, but left him in so debilitated a state that he fell down in his attempt to walk. Unother consequence attendants on arsenic is an Olderna of the whole body, but especially of the feet and hands; which effect results from its relaying the tela Cellulosa a cincumstance very different

from the effects of honics since they increase the contractile power of that membrane. Jet arsenic When given in estremely small doses will increase the tone of the Stomach in some degree though none can say that it is from this slight degree of poborant principle that it cures intermittents. This Olderna resulting from the use of arsenie of have named Oldima arsenicale, it is quite innocente, readily disappearing as the patiento gains strengthe, when it appears we may be assured the disease has been conquered, Though I cannot positively afserto thato asserie will never cure unless producing this effects, yet I can say that of all the cases which have come under my care and which have been cured by this remedy there was more or left swelling I in all in whom it failed there was no Olderna. From wee that has been Jaid it will be readily granted that arsenic is not a tonic, but properly best

belongs to the Medica Mentern Infermentice. when it does not cure Intermittents, my expe-- rience enables me to say, that like mercury it enables the System to be more readily acted upon by the bark; and I will observe again, that it is not at all suited to intermittents of a Syphus tendency; in those of long dura tion wether resulting from habite or debility. Of the DOSE, when I employ Fowlers solution I begin with at the Maximum with 5 or 6 drops gradually increased to the three times in the It hourd - The small quantity of five drops being at first quite sufficiento to produce Mausea. However I always pre -for this substance used in fills after the following manner (A) arsenic to of a grain, Opium /4 given 2 on 3 times in the 24 hours - The Opium is an important addition to the

arsenic and should not be omitted. Howlers solution however, is best adapted to Children and then the dose sh? be small, for I have known Idrop I even 1/2 a drop to produce vomiting, I will observe once more for all, that whenever assenic is used wither in an Intermittente pencittente on continued fever, that we should never look sights of its nauseating effects, for to obtain its good effects that is absolutely necessary, you it should not womite excepte in the disease of Pertufsis where it has been attended with the happiest effects. Of alum, This is best suited to intermittents of Southern Climates, one disadvantage attending its use, is the circumstance of its being liable to purge, which we should studiously avoid, by combining opium with its, its virtues are improved by an addition of Muturey lose 5 or 6 grains - thus or 4 times in the 24 hours. We proceed now to the consideration of certain Himulating remedies which aid us greatly in our

burative means; of these the most important are perhaps Blisters & Tinapisms; the former are beth adapted to the hot stage, but as we are yet consi-- dering the treatments of the intermission wer must confine our observations to it at present. Blisters are very useful but Sinapisms are more beneficial, because they are more prompt in their operation; they should be applied so to act in full force before the coming on of the Cold stage; they must not be continued on the part applied more than 2 hours, as their action is so greate that they may produces gangrene par ticularly in dropsical limbs. Inictions are likewise useful remedies during the intermissions, Electricity is a very important remedy in the use of intermittents particularly those of a long standing - In Howlers cured a quartan of 4 months standing by its, often using

Back and every other remedy unsuccessfully -Electricity is followed for the most part by a copious sweats which is attributed to the fear of the patients, and upon the coming on of the Sweat. the patients is to be put to bed & that kepte up by topid drinks to Cold Bath, is another remedy of considerable inportance; a well regulated & vigorous dieto should be allowed & generally the drink thould be forter. to their I may redd that those who drink porter are less liable to intermittents than such as use ardents. Cothantics, there are commonly prescribed during the intermission, but may be used with much advantage during the het stage if circumstances require thew, but in the Cold Stage they are seldon, if or ever known employed - the purge usually prescribed is Calomel Valap, which is certainly, a very excel -lent one, but I always use balomed & ahubarb.

The Padaphellum is likewise a remedy of the first importance, when a Cathartic is indicated, by it we not only obtain the pun gative operation common to purgatives of this class, but there seems to exist something in it, peculiarly adapted to the cure of he termittents, and I am not the only one who has observed this, but many of our neigh bouring Physicians, can attest the correct_ ness of this remark - It may be quien alone in doses of 20 grains or combined with Calomell 5 grains & 15 May offile 0 Some persons have objected to the combination of bath arties with back, but so far from being injurious it is in many cases obsolutely necessary, Thus when there excists a con-- stipation of the bowels attendant on the

the propriety of joining with it a purge, and in those cases Phurbarb is preferable, besides, I hinted previously to the combination of chrystals of Jartan which has been so successfully employed by many of our practitioners — I will also observe, that I always use those combinations when I judge it impropen to give the bark alone.

Emtities are remedies of the first importance, not only in intermittents, but in all kinds of Gwen-more especially when there is a bilious tendency indicated by the dryness of the Shin-its yellowness, bitter taste of the mouth sebut here they are chiefly employed to cut short the recurrence of the paroxysm by being given a short time previous to the coming on of the cold stage, there is great choice in the selection

of our Emeties, and some speak highly of the Blue pitriol, but that is objectionable because its operation is for the most parts confined to the stomach and does not extend to the surface, So as to produce a diaphoresis, an effect much to be desired when we use Emetics. antimomials, are to be relied on, because, they not only effectually vomito, but prove Cathartic Ho diaphoretic also, so that their influence is manifest throughout the whole systemof these Sprefer James's powder, because by it all our intentions are obtained, Though Tartan Emetic is thought by many equally as good. Jagree however with Do Thompson who tays that he has put a stop to an acception of Parox - your of an intermittent by distimony but her found nothing so good as Specacuraha?

and indied these evidently seems something specific in this remedy. Opiller, all agree in the propriety of adminis tering this article during the intermission, and some are of opinion that when given during the cold stages, that it will be sen its prolence and procure a ready solution of the desecter, it is however objectionable in all states where there is a preter nectural determina tion to the brain as in apopletic intermittents, tis narcotic effects are remarkeably counter as Led by the administration of loffer which destroys the steepifying quality and renders ito a useful medicine, when used alone it would be highly objectionable _ Of the bold stage, Every Tyou in medicine will know that the chief we have to do here is to cover our patients with warm Clothing and

give him large quantities of diluente and diaphoretic drinks. Of the hat Stage - and first of the propriety of administering opium in this stage, we have already seen that we do not require it much in the intermission; and in the cold Stage it is a useful remedy as well as in the intermission, if there is no determination to the brain, and especially when combined with boffee, but in the hot stage, all the Physicians in america depricate its ister finding it impropen and at best a precarious. penedy, Dr De Hæn observes with respects to this article, That when given in this stage it increases delirium, produces thepon, & gives rise to disagreeable & unrepreshing Sleep? but in opposition to the testimony of this Gen Itleman is the experiments of Dr. Lind

who says, " That he prescribed this medicine with the happiest effects in all states of intermit tente fever, that when given in the cold stage, it lessened its violence I shortened its dura tion, that when given in the hot stage, it caused a universal sweats, lessened deliriumo, relieved the head ache, produced an agreeable Soft and refreshing sleep - this piece of diffe-- rence between these two greats Physicians may probably be reconciled, when we consider the difference of the climate in which they lived. De Hoen in Rienna, and Lind in India; I however concur in opinion with De Hoen, and consider to when prescribed alone wrenge improper Medicino in the hato stays of an Intermittente, and I never use it in such cases with any other view than its diaphoretic quality and always take care to cambine some Medicine of this class with ito such as Tartan

Emetic - Specac , Ic -Of. Janies in the hot stage, I have before of - served that bark is an improper Medicine here, and I will now add that all the Jonics wither bitters or astringents are equally so; and parti--cularly the aromatics such as Serpentaria are highly prejudicial for to use the phrase of Dr. Senac it is adding fewel to the fire, · arrenic may be employed here with advantage, The Physicians of Delaware generally do its and their practice is attended with much success. Jacharum Faturm. This medicine in the hight of the hot stage, when depleting remedies are especially required, Physicians of Europe have employed with the happiest effects, it is certainly an importante and valuable article, but it is at the same time dangerous, I should not be used untill every thing else had failed . -

The Maximum dose is I grains thrice in 24 hours and it is necessary to combine a small portion of Opium with to. Our principal treatment of this stage must be with houseating medicines and of these I have found none so effectual as bovers founders; it is a medicine of the highest utility and has pas-- Led my moch sanguine expectations_ I always use ite, though the Physicians of Europe always makes use of james's powders - prescribing it in dotes of 8 grains every 3 hours - I will observe here for the benefit of the gent of the army? that Dr _ in Canadas found intermittents most successfully treated by the combination of Opium & Sal. am moniao_ Of Blood tetting in the cure of Intermittents I have never trusted to V. f. alone in an

intermittente of any form, but it is an excellent remedy used in the hot stage when the pulse is Gull strong and accompanied with delirium dry skin and tongue - It is probably neset to mauseating medicines, it is the most effecacious means of conducting the patient properly through the hot stage, and is more especially indicated when the intermittent is accompanied with some topical phlegmasia. In prescribing ito particular attention should be paid to the age, strength, constitution, place of residence to of the patient, wether town or Country as also the nature of the prevailing epidemie, upon the whole it is a valuable remedy when judiciously ap - plied, but I am confidente from its promiscuous employment throughout

the U. States it has produced much mischief of anomalous Intermittents. This complaints often assumes the form of many other diseased, of which it is our duty at present to treato, and first of Dysentery. This for the most parte is of the Terticen type, and is known by the patient being affected with Chills, hot fit, discharge from the griping of the bowels to day, when tomorrow those symptoms entirely disappear and come on again the next day, the inter--mission should be treated by bark, and other permedies recommended during the apyrexia of witermittents, and the by sentery which appears is to be treated by remedies suited to that

disease, which will be mentioned

hereaften -

Cholera Morbus - Intermittents sometimes take on this form of disease, the patient seized with vomiting and purging to day of bil. wis matter similar to gamine bholera and tomorrow there will be an absence of those symptoms, when they will appear again on the third, the treatment should be back to in the intervals, and opium tother remedies Juited to Cholerce on the day of attacks. fertian bolic, the fratient here is affected with bolick pains very other day as in the course of a testicer intermittent; the remedies should be bark in the rules mission and Medicines Suited to Cholick in order ary should be given on the attack. Meumatism, The patient here is at tacked with chills, fevers, and violent and distressing Rheumatic pairis to day to morrow

there will be an absence of those symptoms, but they will return again on the next day, observing in general a tertian form - The cure is, back, Assenic to in the intermission and moderate bleeding, Untimonial to during the paroxysm -Yout, Some have thought that sistermittents have afsumed the form of this disease but I do not believe it. Hemicrania- This I think is a form of disterned, arising as I have been informed from the same causes Niz Miasma in persons of the same family, at the same time affected with intermittents, though I No not mean to say that it does not originate from other courses, for yout often appears thus disquised, and I have told you above, that worms had produced it;

the intermission and such as are suited to geniene hemecrania when it appears, The Medicines should be active as bank assenic to - Serpentaria, Valereum and large dotes of Landonnen previous to the cold stage.

(Ineumonea, many wistances of this kind of intermittents has occurred in the Ustates 1riz - at Bristol where this disease to appeared under this form and was treated by the Physicians of that place as a genuine Princemonea all of which patients died. but as soon as it occurred to them, that this night be an insidious intermittent they varied their remedies, as they might be

Suited to common intermittents thereby curing, most of their pectients - in the paroxy sm we should use rely on very moderate vgs, as this disease in the M. States is very apto to pun into Typhus, and the proper application of blisters during the paragy sin with bank to during the intermission. Dropsies, of different kinds - This is parte. -cularly of the tertian type, to day the patient will be affected with abdominal swellings and also other parts may be swelled, to morrow an absence of those phenomena, when ou the subsequent day the same appearances take place - We have here to trush to the administration of the bortey faruvianus which medicine I have found more suceffull in preventing dropsical offusion, when

early administered, than currenic or any other nuclicines.

Hydrocephalus Internus, I have seen a strongly marked case of this kinds in a Megro Girl in my brothers family, having parayysins and intermissions of this disease Similar to those appearing in common witermittents, and I am per-- succeded that it is a form of intermettents much move common in the U. States than has been generally supposed, It is to be cured by the use of Bark only during the intermission - which is to be used only during the complete apyrexia. Torbuttes - When we have an intermittent of this type, our remedies are vegetable diet and acid drink _ Elian bitriol, barks My Clothing to

(Asthmas - I have seen a case of this kind in my own wife, who was for Several days troubled with asthmatic Symptoms, and was not benefited by any remedy proposed, untile it was discovered to be a disquised Intermittento - The Bark was then given during each internission and the disease was thereby cured -Apropolety - This Gentlemen, is the most dangerous and dreadful form under which Intermittents appear, and I am hap - by to inform you, that when timely attention is paid to it, its fatal termination may be readily terrior otro prevented, it is of a Vorticen type and is always fatal "tabout the 200 paroxysm; consequently we should make use

of our most potent permedies, during the first intermission, and there is none that I can equal to the Contex Cinchona; Assenic Shave never tried, nor ever will of, The patient is first affected with chills, then a composed state, which terminates in a complete apoplercy - The next day wether bleeding be used or not, there is a complete absence of the symptoms, when in the m? there is a return of the dreadful disease, which terminates fatally - The cure as I before observed is bark in the intermesion. Letanus is not uncommon; the succession of symptoms appear as in tetances and the havotysms and intermissions observe the form of an Intermittent. The cure is remedies during the attach suited to

Tetanus, and then suited to intermittents during the apprencical stage as Bark le-Aydraphobia - This is no less true than remarkable and M. Dunices has given us an account of this declittuel appearance of intermittents which was accordingly cured by the use of Bark during the recess of the parayy sin In Short Gentlemen, I may conclude by informing you, that Intermittents may be an epitome of every disease to which the Suman System is liable with the exception of the exanthemation, on oruptive fevers -

Of Remittent Fever's,

These bear so great an analogy to Intermittents, That I have the opinion, that they are especially the same disease, and not by any means generally different, as some have supposed; because they are from the same cause viz Marsh Miama and the Remittent not only passe winto the intermittento, but likewise intermittento into remit tent, consequently whate I have said above relatwee to the treatments of intermittente, relates also to Remittents.

This is a fever without intermission not produced by march miasmata, but with re-messions and exacerbations, though not

always considerable; continuing & having two paroxy surs each day - Dr Eullen says those only are to be confidered as strictly continued that have their origin from human effluria, or other causes than marsh Miasma and one marked by being made up of 2 paroxysius & remissions in the 24 hours; This arrangements howen is evidently erroneous for he places Gellow fever & Typhues in this genus of Leven, both of which are known to have their origin from march Miasma; not unfrequently in facto yellow fever always originates from Miasma of this Kind - and Dr Curry has Shown that typhus formationes has its origin from this cause. Under this head I thall only consider Gellow fever &. Typhus and 1th of Gollow Thewen

of Yellow Ferrer, on Typhus Icterodes. Know the many phenomena of this disease I refer you to Dr. Linnings account of it, as it appeared in Charleston which I consider to be the beth that has ever appeared; though In Rush's history of the same fever as it appeared in 93 is the most sysematic that has been put forth from his pen, and deserves your mosts attentive perusal. Dr Linning has observed that persons who have once had this disease are not at all liable to a relapse or to be again affected by it; but he her gone rather too far, the by stem however often having been under the impression is note liable to be again influenced by it for several years. The br- has again observed that the

blacks are less susceptible than the whites, or vather espape entirely the epedence, while it pages with unrestracined violence among the whote inhabitants I believe this remark is for the most parts correct, for upon a just computation in this City 50 white, would be attached when only our black would be affected & 6 whites would die & only one blacks. Kæmorrhægy takes place from blistered surfaces as well as other parts, taken notice of by authors, & Dr Living who had observed this phenomena to take place even from the unabraded sur-- face of the Cuticle - Besides other symptoms which have been recorded by acuthors in this disease - there is one which I several times observed in this City which was always the precurson of fatality. This was a peculian pleasing kind of

of delineum which induced the patient to hide his face under the bed clothes like a playful child would hide from its mother, accompanies fre - quently with subsultus tendinum and the most pleasing & smiling countenance. of the Brognosis of Gellow fever. Und 1th of the favourable appearances - big 1st a balon state of the domacho, though to this there are exceptions, for many have recovered whose Formachs have been much deranged and others again died who did not manifest the leath une asine s in that viscus-but which was commonly found on dissection to be surcharged with a large quantity of the black matter so com -mon in the present fewer. 200 When Comiting does take place, the matter

discharged being of a bilious nature, this is probably the most favourable symptom which occurs for I do not recollect to have seen a single patients du who have thrown of this matten. 3 de an early and spontaneous diarrhaca or easy and gentle evacuation. 4th a long continued and universal sweats in the first stages. 5th. a large wrinary discharge, thought am Somewhat doubt feels of this. 6th a Sportaneous Salisation on. 7th Sternatortion - 8th a clear white longer and Scabby cruptions about the mouth. 9th. Little anxietoes proceordice. 10the little on no suffernmention of the eye on intolerance of lights. Alth. a firm and steady mind.

19th Moderate hoemorrhages in the commencement particularly from the Uterus and Mose. of the unfavourable appearances. Itt. an early deranged state of the Somach. Que vomiting of Mucies mixed with blood. 32 The fatal black vomits, which was always more fatal in Adults than in Children, I have known but one single recovery from it, 4th Obstinate Costiveness. 5th Great heat in the Homach and uneasings from pressing on that organ. 6th anxiety about the proceordias. 7th factation _ 8th long continued day skin. 9th Detectical Shots _ 10th much inflammation of the eyes & great intolerance of lights. 11th depressing passions of the mind such as firmidity - 12th Rapid passage from the

middle first to the second stage of fever. Bt. Acemonhagy in the second stage particular by from the tomacho 14th Dry black tongue and delirium. It the great and pressing thirth towards the end of the desease, which is one of the mash unfavourable Symptoms, and is particularly remarked by In Rush as being so. _ As yet, we have said nothing of the yellowness of the skind which to has been thought to arise from one of the Courses. __ 1sh From the absorption of bile this was Dr. Rush's opinion - and Indly from Ni solution of the blood. - I have always thought that the yellowness and betterness of bile inseperable from each other, but in all my attempts to discover the bitten principle of bile in persons labouring under this disease,

I have never been able once to detect it or any thing else than the usual alkalescence of the Derum, besides the yellow colour of the skin does not always appear in the early stages of the disease, you I have seen ito in the last efforts of expiring life, extensively diffused throughout the surface of the whole body, so that it would be supposing too great a power in the absorbent system, to imagine that the bile could be thus suddenly taken into the circulation & determined to the skin, so as so as to impart to it the colour of which we are now speaking, but I have unother of -jection to offen in opposition to this idea, which is, that the yellow colour of the skin uniformly follows the lite of a despert whose Jangs are poisonous, and none probably would contend that the yellow colour in this sistance

depended upon the absorption of bile, yet I leave it to your own determinations, and should be happy to bee an investigation into the caused of this yellowness & the difference, if there be any between that arising from feven and that from the bite of Superits. The next question to be considered, wether this is a fever Sui generis or not, the advocates for the former opinion say, that it is designated by phenomena no where to be met with in other diseases, thus the inflamed colour of the eye they consider as pathognomic and in truth it does occur in 98 of a hundred cases; hat I have seen this state of the eye in the hot Stage of the pemittents & intermittent fevers as often as I have ever seen to in the yellow fiver. again they afsert that the black vorniting is

is another characteristic of this disease, and not to be met with in other affections of the Lystein, but a Surgeon informed me that the black vomit has to his certain knowledge arisen from a compound fracture in as Sen - sible a degree or it has wer appeared in this Gover. Lustly they plead its mortality, but in Harrisburg a malignant fever raged, which carried off more bulk for bulk, population for population than the yellow fever did in this City, therefore I see no peason, Gentlemen to consider this disease any other than a Mortification or different grade of our common bilious fever of the length of time the poison may lie donmant in the System. I I have never known the phenomena of yellow Leven appear the same day after the person

was exposed to infection, though it is probable that whom the Miasma is extremaly concentrated this early appearance of the disease may take place; Het we may receive it as an axiom, that the poison will ramain atleast 5 or 6 days in the System without manifesting itself. - It is how even in my opinion an extremely common circumstance for its to be dormant for 8 days before being brought into action, this fact is exemplified in Strangers who visited the bity & remains have some length of time according as their respective business detained them, when the fewer ded not appear within the above Specified time having been are posed to the Measana. A very remarkable case occurred to me, of a locally of Philadelphia, who hearing of the prevalence of this feetal epidemic ratired

to Germantown, but never theless was affected in Isdays after leaving the City with the black vonit - and in some rare cases 28 days have transpired before the patient exchibeted the phenomena of the fever, so we may con -cleede that the infectious matter may remain in the Lystem generally from 8 to 20 day & before the system is affected with the disease, It is a fact worthy of remark and one which I an unable to explain that the feven, like typhus, is much more apt to appear in I froth and cool ain them in warm situations, this fact we found illustrated strongly in the year 93, among the nurses who attended the Sick. Of the remote Causes.

When the Epidemie first made its appearance in this bity, it was universally believed by the

medical faculty here, that it was imported from the West Indies, with the exception of Dr Rush and the french phy sicians, who attributed its origin to domestic causes, only differing as to respected the peculiar substance of the effluoion - An Rush referring it particularly to pretrice Coffee, the french Shydi -cians to a contaminated state of the atmosphere in general. The question is not decidedly settled, though the illustrious professon had the satisfac tion of seeing before his death, that not move Than 5 or 6 Medical Gentlemen in the City difsented from him in assigning the cause to domestie origin, which is now my decided opinion, though I was at first an enthuseastic opinion, though I was at first an enthus existic Supporter of its being imported; I am however for from being of the opinion that it cannot

be imported, not that persons can bring the infection with them, for I do not consider it contagaous, but that it may be brought in the foul holds of thips, and consequently think that it is in - dispensibly necessary to perform quarantine. It is an easy matter to shew that the causes of this fever are domestic, the indicins in diff. parts of Umerica were carried off by malignant Epidemics, which from certain circumstances am confidente, was the bilious yellow fever, The aborigines in the vicinity of Mexico were carried off by pertilential complaints which have been called by authors the plague, though of expect they were exactly Similar to the disease now under consideration, and in Majarchusatts the Indians were swept away with a like com - plaint, as we may easily infen from their siging

be properly considered as the chief cause of this

alisease, many of which are enumerated by In Bush, as putrid Semp, flag tobacco, &c - though with respect to animal substances there is great contrariety of opinion; yet this fever has certainly appeared in Mexico, and could be attributed to no other cause than that of large quantities of locusts heaped in ditches were it was found to prevail in a greaten degree than in places at farther distance - When Imentioned this cincumstance to Dr. Thiestly he could reconcile the idea upon the principle that locust being of a mixed nature might cause the disease, but brought forward this argument, that in the plagues which rage among the Tartars, the inha bitants always supose their dead bodies to the Utinosphere without any disagreeable consequences resulting, which circumstance a do not conceive to be satisfactory.

wether this fever be contagious or note, In Aush was of the opinion that in the year 93 but afterwards changed it, & I have never seen a single fact which would induce me to believe that it was, for persons have been brought into the Hospital's with this disease without it's spreading, it has been carried to the fail without its spreading, it has also been carried into the Country without ever having been communicated to others, which circumstances completely decide me in opinion Of the Cine. When the fever first appeared in this bits it was thought to be of the same nature with what was called the pertrid fever and accordingly Tonics & Unticepties were extensively employed, such as Barks, Loine, the mineral acids, particularly the Sulphuric; but they were shortly laid aside as being of no kind

of utility and pather a disadvantage, as to the Cortex besides what Dr Rush Polephens say to the impropriety, I can positively afsure you, that in the numerous instances, in which I had occasion to see it employed, I did not find it productive of the least good effects to my patients, and in many cases injurious; we are not to infer from this however, that it is suited to no case of climate, for the Spanish Physician will convince ud that it has been an important remedy with them, being given in quantities, though for larger than could be administered here, The British Physicians speak of it also, as being the only remedy by which they could get the better of the disease in the West Indies, from which cin cumstance we may infer that the Bark is best adapted to this fever in hot Climates. The Elixin of Witriol was laid aside not only

from the change of opinion respecting the nature of the disease, but on account of its having, been found always disagreeceble to the Stomach; It has however been a successful remedy in the hands of some, & Dr. Doven especially informs us that besides the evacuations of bleeding &purgung! which he alwayd had recourse to, in the yellow feven, he always found the bitriolic acid deluted a powerful auxiliary in conducting his fatient Sapely through the disease. Physicians finding their plan of treatmente inefficacious, resonted to other means, and among the first was that of Bleeding, the honour of introducing which was In Banwell who has since gone to Mew Orleans; in proof of which I now have documents to thew. The practice was afterwards followed by bor Rush - By many able Physicians large quantities of blood were taken, whereas on the other

hand, particularly by the French Physicians blood letting was prescribed but sparingly; the promiserous use of large blood betting was no doubt the cause of the death of many, because it was used in all stages of the disease without regard to the pulse or advice from physicians, but again, when employed on the first days of the disected it has saved many from the grave. My practice which dam sorry to say was by no means successful, was of intermediate grade between the two methods, but a bled much more liberally towards the first Punging, a very constant alterdant on this disease was a violent constipation state of the bowels; and fortunately all the practitioners agree as relates to the propriety of purging ancept in a single instance, where a tonic plan was

adopted; a publication oppeared reprobating this method and substituting in its stead mild Enemas, Some made use of very active Cathartics as bal -omel & Jalap, Philaile, Gamboge & while others twere contents with Oil, tamarinds to_ the common with Da Rush's _ 10 \$10 which cer tainly did much harm, from the indiscriminate and injudicious employments, while on the other hand it was productive of much general good when properly prescribed, though I generally used milder purges - The benefits of Burging whom the whole, have been very accurately detailed by Dr. Bush - The following advantages he parti-It That it racies the pulse when depressed & lowered it when preternaturally excitedo. 2nd he place of Weakening the System it imparted thought to the patients, this was not always the case, for many fainted and others died after a

a profuse evercuation while sitting on the close 30 It lessenes the subsequent parayysm when given over night. 1 th Produced Sweat _ 5th prevented or lessened the tendercy to bomits. 6th Removed obstructions of the Symphatics and yellowness of the skin, about the causes of which De Rush and my self differ, as I before informed you, The American Physicians advocated Cathartics of the most active kind while the french were fond only of the milder sort, My opinion is, that the former did too much in this way, & the latter not enough - consequently I took an Intermediate course. Sudorifies, are important remedies in this disease, I were certainly too much Reglected by In Rush from his extreme partiality to bleeding & hurging have used Lover's fowders

with considerable advantage, but Tartarized anti mony is far preferable; I have never employed James's powders - but the British physicians speak highly of its in this diseases as a Judorific; The Enportorians has likewise been commendedo, Gold Water applied in the hot stage of the fever was found a very importante auxiliary: It was em - played with two views, first to absorb heats and Jecondly to promote diaphorisis, and I un questionably found it a more effectual Dudo rific than any other medicine of that class which Jemployed, it not only relieved heato and delirium, boto to likewise aided powerfully the operation of Cathartics, and was followed by a pleasant and refreshing sleep, a fact well attested in my own case, when I was attended by a few Megoves who occasionally poured buckets of cold water on me, when sweat broke out, the

The application of the water was dismissed and the patients covered up, taking some tipis drink to promote a determination to the Shin, Cool aux, was indispensable and during the fewer light vegetable diet; but I am far from believing with bor Rush that Such a diet was calculated to prevent the disease, because a close acherence to the common man - ner of living was found the best preventitive and such as I would always pecommend. Blisters, were used during the first stadium upon the principal of revulsion, and during the Ind upon the stimulating quality of them and in both stages they were found of eminents advantage _ In the first applied to the abdomen, as in cleus they favoured the operation of Catharties, & applied to the re -gion of the Stomach they were the surest

means of stopping vomiting - in the second stage they imported energy to the System, and when employed as before on the Storiach or Abdo men they hindered a tendency to gangrene in the intestinos, when applied to the head They relieved delinium. Omotics, are universally rejected not only by the physicians of america but every other cli - mate, though they were ato one time strongly Recommended by Dr Rush _ Dr Hillary ne ... - jects them in to to - and Dr Mosely does not admite even the mildett of this class of Medi - cines .- Jagree with Dr Rush however in the impropriety of Opicion in this disease, he has justly remarked that it has always increased the heat of the skin, Costiveness of inritability of the Homach, it was neven

productive of refreshing sleep, but always gives pise to Irightful dreams and the horrors of the grave yourd, it acts specifically, in my opinion, in this disease on the leven and much to the disadvantage of the healthy action of this viscus, and in short I concur with Doctor Mosely in considering it a fotal medicine in this dreadful disease In Rush, nevertheless has thought it use Jul when applied to the region of the sto -much in checking bomiting, There is no symptom, from which so much danger is to be apprehended as the black bonito, and accordingly many pemedies have been preseribed for its relief; of these the most important are Magnesia, line water, Other and strong Coffee _ Line water and wilk in the date of a

tuble spronquele every hour, not only arrested the tendency to the formation of this matter, but also relieved the vomiting when it appeared, and in one case /a Megroe) to whom I prederibed this medicine, there was as Complete recovery from the black vomiting the only case that I have siven seen cured, she however used the line prepared with hato water, which equalled the strong the of the common white wash, in the same dose of ordered the common being water to be ad - ministered, so that in each ownce of this medicine, the took no less than 100 grs. of line - lohered if the water had been used as it is commonly made, there would not have been more than 2 on 3 grains to the Ounce - The French Phy sicious em

played the Magnesia with the same view and with the best effects; the quantity given was very great - Comployed a weak infusion of Mustand with great advan tage; It is employed by adding a tea spoonfull of hot water, which is not to be used untill the mustard is deposited, Other was used by many with consider -able utility and I employed it with evident good effects, before I saw it so strongly specommended by Dr. Chisholin John always preferred it to any other Me -dicine, in the dose of I table spoonfull of vitriolic Olther to a suitable quantity of Cold water to relieve this dread ful Symptom; he alledges that it relieves

the initability of the stomach and prepared

it better though the Bark . . . Umong many other remedies that of Sac. Sat has been employed by On Irvino, as he himself informs us, with the effects of relieving the black bomits, when every thing else had failed, and from the ana - logy of this discharge from the from ach I hemorrhagies, I judge it may be an importante remedy, and I am sorry I am have never tried to. Nitherto we have said nothing respecting Mercury in the cure of yellow fever -It is by no means a new remedy, for its has been employed long since by in malignant fevers, but was never used To largely as in 93, when it was employed chiefly as a remedy with a view to its

purgative operation, untill it was observed, that when it accidently affected the mouth it was produc -tive of the most salutary effects to the patients, Dr Chisholin was of opinion that when it thus affected the system it was almost an infallible Remedy in the disease and never treated it in his practice withoute employing this Sampson of the Stateria Medica so as to produce a Salivation, and consequently he is entitled to all the honor of discovering; after his publication became gene -nally known in the City all the Physicians had recourse to this Medicino, and considered it as a sovereign remedy, when Ptyalisin was the consequence of its administration and all felt the utmost consequences confidence upon observing these effects, that their patients were completely relieved or rescued from danger

and our safely affirm that in all the instances in which I saw Salivation produced in the year 93 by the agency of Mercury, that not one single one died, and I am sorry to add that many cases occurred in the Lennsy wania Aospital in the year 13, in which Mercury employed, so as to excite Salwation failed in curing the patients, but in the great majority of patients in which its was there used it proved to be an invaluable

If Typhills Ferrer. 3 on over leaf Typhus is precisely of the same nature as the putrice, nervous, fail, Hospital, Spotted, on the Camp Leven; On bullen holds it as a genus, and describes it in the following manner, Loat of the Shin not very great rarely exceeding much

the temperature of the body, pulse small weak & frequents, intellectual functions are impaired, and though delirium occurs it is not of a furious Mind; the Mrine is for the most part unchanged yet the strength of the dystern is greatly prostrated. of this genus, Professor Cullen has 2 species big By phies Mition & gravior, and for the various phe I- nomence I refer to Thomas and Wilson. I shall consider both of these under one head because they are only grades of the same disease but my observations will apply more particularly 3 Contagious, heat little increased pulse weak

Small and quicko, Mine little charged, Animal functions disturbed prostration of Rieng the Culton)

Synochus he defines thus: Contagious, at firth

Synocha and then Typhus.

to Typhus gravion - On Huxham has given us a very good account of the Mition under the title of Gebrio lenta Mervosa which occurs in the most cleanly families and commonly lasts 20 days his work is worthy of your attention perusal, Syphus makes its attack sometimes very slowly so as not to prevente the patiente from attending to his usual business and is attended with vertigo which resembles in some degree a slight intopication, Whereas in others it is at immediate, almost, as an appoplectic fite. The duration of this fever is exceedingly various lasting in some cases no longer than H8 hours and Some state only alf, it most commonly exists bon Tdays or Iweeks and sometimes bon Tweeks, the thortest duration of Typhus that I have even Seen was A8 hours, though it is probable the potient may have been complaining in some

slight degree before his sensible and sudden attack The symptoms most frequently observed in Typhus are, bomiting sometimes, Mausea, loss of appe tite, debility, bertigo, heaviness and sometimes pain in the head, unrefreshing sleep, pale Jace, and their sunhan extremities Turles au rim, Musimer of the head or Bertiginosus of Darwin - duce pain of the Temples & eyes - which are turged and pervaded with a chronic suflammation, very differente from the acute kind peroading yellow feverthe face is sometimes bloated third, the temples Herob when the pulse is small, brood drawn is Somewhat sizy, the strength and Spirits are depressed, sight, dysproca, voice slow, eyes half closed in sleep- pain in Homach, tremors, Subjultus tendimum, thepidity, a vomiting of bile, and even of the matter of black vomit Tometimes occurs, the tongue is either white,

fured and dry or moist, and is often of the colour Of the Prognosis There is no disease in which prognostics are more uncertains than this, those however which have been considered favourable, are the following, Moderate dé arrhoea more especially when it is rather bilious, moderate diaphoresis, parti cularly in the protracted Hage, turbid wrine, moith touque and thin, spontaneous saliva - tion, abscesses of the parotid gland him the axella in the last stage, a white miliary exuption, scalby exuptions about the mouth, deafness the most favourable of all symptoms, hateched turning from the lived to a brighten red colour, and lastly the pulse vaising and the head becoming relieved whom the use of wrine and other Stimuli. The unfavourable, are, violent diarrhoca particularly when attended with a hand swelled

belly, profuse Sweatings, hemorrhagies from different parts, black patechia, gangrene where blesters have been employed, inflamed and Staring eye, acute hearing, subsulters tendinum, Sugnest picking of the bed Clothes, dark sorder about the teeth & guins, black aphthous touque, dark coloured & bloody wrine, and a disposi tion to throw off the bed clothes, extremely desperate; But I will observe again that not with Handing the most dreadfeele appearanced, when the pulse is inherceptable at the writh or nearly so, it is remarkable that ever under these circumstances batients have recovered and consequently we should preven desert them untile they are absolute - ly dead. Of the Predisposing causes, a weak and a relaxed Constitution particularly Such as has been depilitated by prequent attacks

of the same disease, debility produced by an Intermittento however legitimate its shape, violent depressing passions such as grief, terron, fear and solicitude, some say, hot claimates, but I am of opinion cold climates are best suited to predispose to this disease.

Of the remote and exciting, Causes.

The first of these which I shall mention is Marsh Miasma, which has been sicontestibly proven by Do Currie of Liverpool, though Don bullen strongly contended that human effluria was the only on principal cause, and I myself have seen the dijease arise evidently from this cause because its prevalence could be traced to no other source; Fish of all kinds in a state of putrefaction, this fact is illustrated from a Crew of a barrish vefsel being attacked by a Spotter fever that was found to arise evidently from hutired cod fish, upon the removal of which

which was accomplished by removing to Cohenhagen from whence the vefsel set out) and obtaining a fresh crew the disease entirely disappeared; Water in a state of putrefaction, bold applied to the body when warm, a case of this kind have seen strongly marked in a cook who after being much heated and exposed herself Indelenty to coolain, was attacked with genuine Syphus fever and died in 21 days after the com I mencements of the disease, some author have afserted that the taking in of a large quantity of animal food without any vegetables or any other antiseptic articles render persons pecu -liarly liable to be affected with this fever, here I diffen for with them essentially, for I am of opinion that paucily of food is by fan the most common cause. Tear and Tirron though placed among the remote are legitimately

occasional causes, of this Dr Duncan gives us a pernarkable instance of a boy who was amusing prinself in a field when a thunder storm came on which so terrified him that he was seized with complete typhus and died in 15 days afterwards, But the most frequent cause is contagion, and in support of this so many facts have facter within my knowledge as not to have the smallest doubt in my wind of the truth of this afsertion _ I attended a boy in this lity of - fected with this fever, when it was no where prevalents in any other part of the town, but his a short time after his illness, many of his attendants and friends who visited him, where attacked Similarly, So that it was propagated from one family to another untill it prevailed in several parts of the neighbour hood; and what is farther in proof of the contageous nature

of the diseases, two of his relatives from Morristown prisited him and upon their return home died with geneine Typhus, those being the only persons in that place affected with the Jeven, Cidiomiasma i no doubt a figuent cause of Syphus and in my opinion it has been very correctly supposed by Dr Rush that the complaint can be propagated by other animals than the human species, the professor himself has informed us that it was rendered five--valento in some part of the state of Mew york by Cattle, and Diongsius of Hallicarna tus has given us an account of a pestilential disorden which depopulated Rome and which was carried to the Country and every where prevailed from the contragion being diffused by Sheep.

Of the bure. In order properly to treat this disease, it is necessary that we should be acquainted with the 3 Stages of forms under which it appears, and adapt our remedies accordingly The 1th is when the patient feels a slight in - disposition but not so great as to confine him Due when so unwell as to be confined, there existing at the same time some degree of fever, pulse quel, vertigo to - and 3. when the illness is to great that the pulse sinks, stupon, prostra tion of strength, and other formidable symp tomo make their appearance. Of the remedies adapted to the first stage, a primary and important step in this and in every other stage, is to supply the room of the patient with fresh ain and when it makes its appearance in Camps Aospitals to the

the removal of the affected person from the cor-- rupted place is absolutely necessary, and so much did Sin John Tringle think of this pre - caution, that he observes, that many were cured by the use of Serpentaria and other Hi - mulants yet they were always furnished with pure ain in as great a degree as cin--cumstances would permit. Emetics in this stage are considered important remedies, and were distingly marked as such by Lringle, but in employing this class of Me - dicines we thould always have an eye to the selection of our Emetics, Dr Duncan always preferred Specce: and Fordyce, Jarta - rized autimony of the two I give my prefer ence to the former - not only from the uniform prejudice in favour of it, but on account of its use in Intersuittents, though the

Unalogy between the two diseases being not very great, ti is a much move manageable Medicine than the former and note to apto to be followed by a violento state of debility. It is not alibays absolutely necessary to use this penedy in this stage so as to puke, for often a Mausea occasioned by its will be found to answer our purpose, and in many cases last Spring treates the disease in this manner in the first Haye; those cases were chiefly Typhus Preumonia, it is however in general, impof-- sible for us to strangle the disease in the commencement by this or any other Medi - cines, for it will for the most part run its course, and though we may not enjoy the of nature wice undoubtedly be greatly of-- sisted. Cotthartics, are like Emetics very necessary agents

in assisting us in the cure of this disease, they should always be of the milder kind, for besides Def. nothing is more certainly dangerous then active Cathartics. The best purges here, besides Emetics for they often acto in this manner with the most advantageous effects, are baston Dit taken in some Stimulating vehicle as Cimamon Water, Phubarb alone on combined with a small quantity of balomel about on ij -Salivation is likewise an important remedy in this stage of the disease, and am of opinion that we cannot commence the Mercurial initation too Soon ; and the form of medicine I would prefer in this case would be the blue file given 2a days each piec containing one grain of Mercury; The Mausea attendant on this fever does not always require the use of our timetic to relieve

it, for it may be carried off by those remedies which are mentioned as being necessary to remove the uneasiness of the stomach accompanying yellow fever - and among there, I think, there I is none more preferable than the weak infusion of mustand, for if it be strong it will puke. Of the treatment of the 2nd Stadium. In this stage, as I before observed the pulses is Jule and sometimed so greate as to require phla botomy, though in prescribing this, we sh? be extremely cautious, for if the bleeding be large, even in the most robust habite, the pulse will sometimes sink never to vise, of if it be not followed by that consequence it will give rise to delirium, when it did not excitt before, Vincrease its when present. This I found to be the case last young consequently it requires great nicely even if complicated with pains in the Chest, and in

the case of the gent leman who died 48 hours after his attack - I ordered a small quantity of blood to be taken, in consequence of his complaining of uneasiness in his Chest, which may probably have hurried him to his grave, though it was one of those cares which could not have been checked by the citerference four art. When I was in Edinburgh Dr. Home was si the habit of bleeding his patients in this form of the disease, and was very successeile in his practice, though this method is now enterely rejected; the see then it is a precarious remedy and when prescribed the should be stone with a Sparing hand and taken in small greantities, at most are bleeding is sufficiente. Emetics are equally necessary in the second stadium as the first and are found, for the most parto, effectual remedies for relieving the head ache &

Mausea which prevail, Specae: is likewise here to be given so as to operate mildly, producing a moderate riching I if the operation be attended with purging in a slight degree & a moderate diaphorisis the validity of the Medicines is improveds. Of the third Hadium, This commonly comes on in 3 on 4 days after the formation of the fever to Sometimes later according as the patient has been treated in the first stage of the distense, for dringle has very justly remarked that if the depleting plan be carried too for in the first stage of the disease, particularly bleeding, the patiento will be percipitated from the first to the last stage I consequently unhapply escape the 200 It is here that the aid of the physician is eminently required and we have to have recourse for the first time to bordials among the articles employed there is none more

more important than spicing which is not given with a view to its stimulant effects, for they are comparatively small in regard to the other Substances, it is administered chiefly to tran quelire and calm the disturbed state of the System and procure easy Krefreshing sleep so much required in this disease; it may be given once every 3 or 4 hours in the course of the day and principally in a solid form, and at night it is indispensible for the rea - Sons assigned above. The Molatile alkali, as a Stimulant is a favourite pernedy with me, and may be given in the form of boles if there be a ten -dency to vomit, but if that he not the care I always prefer the alkaline Julip made in the following manner, A of the concrete

volatile alkali zj nub dawn with zij of Sugan to which add of Comm Water Zvij & zj of Cin-

- marron water, of which give rather more than a table spoonfule of it, every 2 hours, so that the quantity given may be 5 9th a dose and upwards of 60 gm every 24 hours, for we can parely do with left than that of the alkali in 24 hours in this law state of Lever, while a less quantity would do in the gebris lenter Mervosa, by means of this medicine thus administered I have found a less quantity of Opium required to answer the intention for which it was given. Sorpentaria, this is a very importante remedy and was employed with the happiets effects by Pringle; he gave it sometimes in substance in the close of from Fig to Jy in the It hours and frequently used it in decoction with Cinchona, When the powder is given the dose is commonly about 5 gry, every 2 hours, but the decoction is mostly used. The British phy sicions have

120 administered this with great advantage in Typlus preumoned and in those sweeping intermittents of america, it was much in played particularly in Bristol by lon De Monnally Toho always used it in such quantities as to promote diaphorisis. The anguestura from its pungent and Himselent Mature is preferable to Cinchona In this disease, I like it may be given in Substance or infusion send on account of the great analogy between this & Magnolia Trecommend the latter article to your par - ticular proticed. Cascarilla. is by no means a trifling remedy in Syphus; on the contrary in the Typhus inter - whiteents which prevailed in Aggaratown and other places, it was the chief remedy relied on & always succeeded in effecting a cure when the bark failed.

Camphar, His has long since been spoken of as a resepul medicine in the disease under con sideration - Haller informs is that he administered it very successfully in putrid Lever and confluent small pox, and Lin John Pringle speaks highly of its efficacy combined with contraverva _ In Barwin used it in the same disease with no small succept, com - beined sometimes with wine, and sometimes with bank - it is a Me dicine which will be found at times Mauseous & disagreeable to the taste - but the patient will soon be fami liarized to its on repetition; it may be givens in Substance , Spirituous Solution, watery infusion & Milk, this last substance being found to dissolve it readily, it does not havever answer so well alone as combi ned with some other article, particularly Opium ; the dose is 5 grains every two hours

122 Musk is a Medicine of the highest value not only on account of its stimulant effect but also on account of its diaphoretic and anodyne quality, frequently relieving deli-- rilin and inducing a pleasant trefreshing sleep when opium fails, it is peculiarly calculated to relieve Subsultus tendinum and is given in doses of 4 or 6 grains every Castor, I have never used this, but it is spoken highly of by Fordy ce and others, its effects are improved when joined with assafortida is a medicine that may be employed both early and late in this disease, I have used a watery solution in the quantity of Zj in the 24 hours, prepared by being rub -bed down with a proper quantity of Sugarit seems adapted to the subsultus tendimum which is so striking a symptom in this fever,

and besides its ottimulent effects, it is evidently Suited to Syphius Pneumonia, on account of its expectionant power, consequently we find it suited to every form of the disease. Aitherto I have said nothing with regard to Wine, probably the most important remedy in the treatment of this disease; Typhics in Camps, Hospitals Ic cannot be treated with - out ito _ as an agrecable and efficaceous Cordial - Lingle has justly remarked that there is none equal to ite. In the Nospital he used about a quant alone and Combined with articles of dicto as, Handels to _ but of the hospitals he used Thenish Wine and both with the happiest effects - In Typhus gravion it may be more liberally prescribed than dringle has done, when we cannot introduce Sufficient quantities into the Mornach by the mouth, it may be thrown up the rection

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in the form of Whey either alone or combined with back, When wine cannot be used, or when the patient prefers it, which is Sometimes the case, forter may be used and will be found an invaluable medicine, it is sometimes preferable to wine I probably from its containing opium, especiallis. if the Porter be well hopped -Andent Spirit, Is sometimes used, but I have never had occasion to prescribe it, for I have deen no case, which could not be treated as well by good strong wine, and few, I believe of my brother practitioners have been necessicated to resorte to the use of stronger liquon, It is a Rule which should not be forgotten that in those low Hates we are after to over stimulate and thereby cause the death of our patient, consequently I See but little use to employ distilled ardent spirits,

When the disease can be treated upon safer principles. The wine I prefer is strong Port, and is one the sick Soldier Should never be without. There is no article a more suitable & pleasent cordial than wine whey and all practitioners should be acquainted with the me thos of preparing its, Ry - of milk / pinto & boil it, to which add a sufficient quantity of wine to make a coaqueum, then remove it from the fire, and strain it through muslin, being cautions that you do not agitate the mixture, lest some of the coaquelum pass through and render the Whey of a turbid colour, for when properly prepared it is perfectly transparent; its takes generally about I file of wice to a pint of Milk; though it is a matter of no importance if more be added for if necessary its can be diluted afterwards; being made, mitmeg blugar muth be added; Though it is varely necessary to employ distilled

Spirits in this diseases it is advantageously employed, by batting the body generally with them when heated, but I have never used its applied in this way, except to the wrists, forehead, hands be with good effects; I have previously observed, that I have never found its requisite to employ these remedies internally, Get my brother Thysiciand have certainly given them with beneficial effects in the extremely low stages of this complaints. I have above hinted at the use of Opicer in this

I have above hinted at the use of Opium in this disease, and will observe that it is an invaluable remedy in certain cases; it is prescribed with the happiest, effects in relieving some of the most alarming symptoms, particularly tremors, subjultus tendinum, I the delirium which comes on in the decline of the fever, but withe early stages when this affection of the brain appears, we much not employ it, as it is not all adapted to it

in that state of the disease, even however in the declines of the fever, this article is sometimes productive of the in crease of delinium, for which it has been prescribed, and then we much desist it, and have recourted to the volatile alkalis, which is preferable to the others, not only for thato, but also for subsultus tendinuno which is almost a uniform symptom in the lash stage of this disease. Opium is used also with a view to its diaphoretic quality, and when I am - play its with that view, I employ the bover's founder; but I must here caution you, against the too liberal Use of this medicine, for Opium in this fever has a remarkably tendency to the surface, producing Sometimes copious and debilitating sweats. Dr. Lydenham, never gave this article in typhus untill the 12th day, but it may & should be administered at a much earlier period, when the pulse & other cincumstances permit, and when used, if the delivium

be not increased by it, we may be assured that our prace tice is correct, as to the dose in this fever, it is difficult to kay down any precise quantity, but in general it she be large, and bullen has here erred in limiting us to intervals of 8 hours, for its effects are over in 3 or at snort It hours and require repetition; muth adds, though Gentlemen, in relation to this medicine that I am not so partial to it as I formerly was and bean to the opinion of Dr Duncan that it sometimes leaves a tendency to delinium & effusions in the brain, increasing thirth and constitution of the bowels, and as to its stimulating effect, that is com - paratively small, and far inferior to vol: alk: and the noble article wine, The Semicupium is another important measure and for its different effects, I refer you to In Hordyce's dissertation on Fever

Blisters are very important in the cure of this disease, but are especially suited to the 1stage, particularly When applied to the breast in typhus Pneumonia and to the head in delivium; but in the last stage they are improper from the evacuation they produce and should not be administered, except with a view to their rubefacient effect, which indication can be betten answered by austher kind of application which wile be mentioned hereafter. In bullen was very scrupulous in his employmente of this class of medicines and should be employed only in the last stage when, as all ambiguity, as he expresses luinsely is removed, but the professor was very incorrecto in this opinion, for if he here ap-- plied them they became dangerous from the evacuation they produced, tas Dr Forgelyce observes, "are apt to give rise to subsultus tendenum

and other formidable symptoms, most especially in Women! Low Home however has employed Blisters in this stage, in a Seculiar mannen and with the very beth effects, and that wis, internally in the form of teneture of Canthanides in doses of from 20 to 30 drops _ 4 on 5 times a day -Finapisms, in this stage, are for more preferable than blisters, because they stimulate move & produce no evacuation, consequently they are more peculiarly suited, while blisters are more especially adapted to the first stage; they are applied to the wrifts, ankles, Calves of the legs to and when applied they should be weak and not be applied more than I hourd, as they are apto to be followed by gangrene, Falivation, as I previously observed cannot be excited too doon, and when employed in the 1th 2 mg beginning of the 3 stage, I feel my self

confident in afserting, that it has saved many from the grave, but if it takes place in the loweth stages of this fever attended by himorrhage to you may consider it as unfavourable; the salication must The drink of the patiento should be acidelated barley water, diluents to. the position of the patient sh? be particularly attended to, we should always be careful to see that he is lying in a horizontal manner, I never suffer him to rise or sit up as that would occasion a dangerous debility, Diarrhaa not unfrequently occurs in the decline of typhus and is a troublesome & dangerous a Symptom; and let me caution you never check it by astringents or Landansen, for when sup -pressed the patient is much wasted & often dies; The most that I do is to keep it under by the bhalk Julap. If the Paroted glands suppurate-

they must be opened. Typhus sometimes takes on the form of an irregular intermittent, and our chief remedy here is Cinchona, but we may sometimes consider it as being of a hectic cha - racter, arising from internal abscept, for the most part in the lungs and we may then resort to arrenie, as much advantage is to be derived from this medicine in such cases, without being attended by that tightness of the Chett, which is pretty uniformly and occasioned by the use of bark in genuine Hectic. Some practitioners Speak in high terms of the use of arsenic in all States of Typhus, if adapted to any, it must be the dirst; but from the theory of the Moders Operandi of this medicine, which I have assumed, and think it an improper remedy & would absolute by object to its employments in this disease,

Mot withstanding the most steened and forcible encomiums of the Physicians of New England and Mew York. -

of Dysentery &

On bullen in treating of this disease has arranged it improperly, in my opinion, under the order Profluvia, for as Sydenham observes it is a true, febris introversed, and as an evidence of this, feven often runs into it, and dysentery often runs into Lever; professon bullen has but one species, but several variety & are described under its in the following Mannen, Vir a contagious disease in which there are frequent stools, sometimes mucous I sometimes bloody, accompanies by tormina & terreforms, the natural forces being mostly actained and when

Contagious Lyveria, prequent mucaus on bloody stools, forces being generally retained, grifes Tenesmus te (culter)

Saybala, which is always attended by relief to the patient; but for a more exact detail of the phenomena, I refer you to his dirth lines; his varieties are first Dysentery accompanied by worms _ 200 Intermittento Dysentery - 3 Heat which is designated by mucous discharges alone and constituting the morbus Mucosus of authors. 4th that which is attended by mileary eruptions, to which I add the Scorbutic dy sentery, se variety which the professor has neglected to mention. Besides the Symptoms which are so minutely detailed by Cullon, the patients is sometimes of - sected with so great a degree of irritation of the bowels, that when any aliment is taken into the Homach, he immediately feels an inclination to evacuate & in his attempts to do so nothing passes off but mucus, it not unfrequently happens.

that the person affected with dysentery is also, at the same time with a great difficulty voiding wine, which In attributes to the improper method of treating the disease, particularly by the too early exhibition of opiates, but I am inclined to think; that it is symptomatic of the affection of the intestinal canal, since it has been taken notice of by a number of authory who have noticed this disease. The apthous Tongue which In Tydenham speaks of as always being the most unfavourable symptom I have never dean bottonce, and then it was the precursor of death, the case terminating fatally doon after its appearance. Sysentery is sometimes converted into other diseases, as, diarrhoca, hentery, intermittent, Rheumatism, topthalmia - Dr Tydenham remarks, that no fever accompanies this disease, but there he errs extremely for there is more

or less of fever constantly present, which is either of the inflammatory or typhus type, and when the phlogistic diathesis is very great, the disease terminates mostly quick - and danger is to be apprehended from gangrene of the intestines; but when the typhus action prevails, its durations like that of genuine typhus is long; of the causes of Dysentery. It is not necessary theate I should spend much time in the investigation of the causes of this disease, for it will be very evident from a little reflection that they are the same that give rise to fiver in general, and consequently establishing the identity of the two & the propriety of my arrangements. These causes are march miasma, Ideomiasma, I cold, When Intermittents prevail it is no uncommon thing to see a part of a family affected with geneine intermettent, and another part with true dy sentery, which puts on the

Tertian type, which circumstance establishes the Sameness of the two diseases, the affinity between dysentery & bileous remittents, is also evinced by from both being epidemic at the same time; and in proof of the identity of the causes which quie rise to dysentery & typhus, Dr Douglas informs no that both of these affections were spe - demie at the same time, and were ultimately cured by the same remedies, the principal of which was the peruvian Bark - In the year 93 I had many opportunities of seeing the analogy between this disease & yellow fever, for it was no unusual cincum stance to see different parts of the Same family dying with both diseases; hence it is manifest, that whatever causes produce fever, wether intermittent, remittent, or con times, are alike productive of the complaint under consideration, and Fin John Pringle was

of the same opinion, except that the disease was of a contagious nature; but with respect to this there is with me considerable doubt. Professor Gullen admits that bold can produce My sentery, but thinks that it is evidently conta - grown and is of opinion, that cold commonly act after contagion has been received into the System; but is certainly a frequent cause by suppressing perspiration, and even the simple application of cold to the feets, will sometimes give rise to the disease, when no contagion could be suspected to exist in the System. Fout too turned upon the intestines will sometimes pro -duce a similar affection of the intestinal canal, Dr. Dancer of the West Indies concurred in opinion with Pringle Hullen - while Mosely living in the same climate was enterely on the other fide _ Dr Hunten remarks, that in the

hospital practice there was no reason to induce him to believe that it was contagious, but nevertheless, though that under peculian circumstances it might be sendered to, and indeed, I was formerly of the same opinion, but subsequent observations bad me to determine; that it cannot in any contact for at a very short dictance, in which soute dusa the form contagion, but that it may arise from the affluria of forces of a person labouring under it, I have nover once doubted, if it be complete cated with Typhus, I consider it no farther contagious than that fever is, and that typhus is far more readily communicable than dysen tery itself is. Of the proximate cause, This consists according to bullen of a preternatural constriction of the Colon occasioning those spasmodic effects,

which are felt in severe gripings, and which being propagated downwards towards the rectum, oc -casions prequent stools & tenessnus. Hoffman again thinks it depends whom an oscillation on convulsion of the large intestines principally and consider it only as a local disease with which the System sympathisis in consequence of the great communication between it I the alimentary canal, that dysentery is sometimes a topical affection , I am induced to believe from its having been so readily cured by the use of

Of appearances upon dissection, In warm climates the liver on spleen is always in some measure diseased. Mr. Bogue of Bombay informs us, that in his difsections, the liver appeared enlarged, in some cases inducated & in others to soft as to be easily torn on being handled, he frequently observed

abserfses in it, which were in some cases large and in others extremely small, The splean & pancreas were generally very much enlarged, and in two cases which came under his motice, where the liven was reduced to four not at all affected the splean was reduced to a black coagularn.

of the bure.

In treating dysentery we should always be attentive to the state of the pulse, which is some -times so active as to require bleeding, and that In large quantities, particularly when it occurs in the spring Season, & this is to prevent gangnene of the bowels, though in the epidemical dysentery of 97, I found phlebotomy, not only unnecessary but absolutely improper; in prescribing blow letting we should always attend to the nature of the pre -vailing epidemic, & if it though be typhers, altho! the pulse be full, even then we should not practice it.

bathartics, judiciously employed so as to promote the natural evacuation of the focus, are the most important of our remedies, I of these different kinds have been praised to the disadvantage of others, which have been furt as strongly recommended; The following are those which have been principally in use big Catton oil, flowers of Sulphur, Juglans Cineria, tarter emetic in divided doses_ Neutral Salts, & balomel alone, or combined with Abularb, The Oleum Ricini is given in dotes of Zj in strong boffer or milk, I have derived considerable ad-- wantage from a preparation of this medicine which I call the oily mixture, particularly adap tes to the dysenteries of Children, Convalescent adults, Who do not require much purging! If - Ol. Ricini Zj rubbed down with Sugar on

gum arabie zij on zij to which add of aqua

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in some measure be influenced by the nature of the prevailing spidemic, and if this should be fever of the bilions kind its use is perpetually midicated, I more over in obstinate dysenteries When the common Cathartics are not sufficients to produce a sufficiente evacuation, who she have recourse to this Medicine, but as bathan ties are such important remedies in this Miseuse, ad require such frequento reputition, mercurial purges might induce a dangerous salivation so as to be productive of a mortal hemorrhage between the interfices or Caries of the jour bone. Moseleys toitriolic solution is an excellent remedy in this desease and is spoken highly of by that Gent w who seemed to very greatly on its naw - secuting effects, together with this, it is certainly in some degree diaphoretic and excites a

purgative influence on the lowels. I have neven employed it, though from the great enlogy bestowed upon it by a graduate of S. Barolina, where it was the chief remedy, I the coincidence of his permanks, & Dr. mosely's there is no doubt of the utility of this preparation, and where I to say In what particular stage, that it is peculiarly adapted, I should say, that it ought to be pre Scribed in the latter parts of the disease, when purgatives are not so much wanting, and astrin - gents are necessary. The following is the Ry Alum - 31 white vitriol Zij Cochineal gry ij there ingredients are to be publical down, and then add a fints of water; dose, to pule an adult of so to non Seate a Small table spoonfule, I a tea spoon full for a Child.

Enemata, are indispensible measures in this diseases by their sheathing the intestines from the acrimo-- my of the fluids, and at the same time given pelief from the painfull tenesances which so often accompanies it I more expecially when a anodyne of opium is accompanied combined. They are chiefly Starch made into an enema with water, and were either alone or combined with landamum, barley water, mullen ta,

with landamum, barley water, Mullen tea, lolich acts not only from it, theathing quality, but from its being itself, something of an anodyne, we have sometimes, to rely almost, entirely upon this class of Medicines, from the initalishing of the Stan ach, interrupting the cathartic plan almost totally; In Heberden prescribed glysters, in the intervals of the administration of purges, and

In Hunter resed, what he called, the anticeptic glys sters, when he expected the tendency to ganghance existing in the boards; they were composed of Bark and voteiolac acid, which in my opinion acted more as a tonic than an antiseptic. Emetils, There have in general been prescribed before any other medicine wather bleeding, penging, or very other, especially when the disease was complicated with, on partook of the nature of bilious fever, but in the United States it is rarely found necessary to go farther than to excite some degree of Mausea. The Specae: and Ceration antimonium have both been prescribed on the old continent & it is said with advantage - I'm John Tringle used the latten, but found it inaclequate to answer his intentions, he then had recourse to the Specac. and tartan ameter; he prescribed the former

in the quantity of 5 gr. every 2 hours, untile the desired effect was obtained - My me thod of using it is 1'h or 2 grains of specae: com bined with a small quantity of Creta on Mitre every 2 hours, untile a small degree of Mansen is produced & if the bowels are in a very initable State, I add a suitable quantity of opium. Specac: is peculiarly adapted to Dy sentered Coventa, or bloody flux; but it is not proper where Seybala exist and where the operation of Catharties, is necessary for the removal of these, but then it should be administered in the sistervals of purging, and when by sentery is of a typhus type it is only useful as an emetic. Of the moders operandi of Specac: in this directe, there have been different opinions;

Du Cullen supposed it to be useful only so fan as it was purgative, and it had no decided Superiority over the Fart an Envetic. Mosely unagined it was useful principally by its diaphoretic quality, and for akenside again, rejected the idea of its being successfull from its sudorifie effects, but supposed it acted by virtue of its antispasmodic properly; relaxing the intertines and rendering their con -tents more soluble, whereby they were easily wacuated; but I do not adapt the opinion of either of these gentlemen, for I have often Seen the most decided advantage arise from the use of this medicine when it rieithe sweated, purged, or Duked, and conde quently I think, that its operation is becu lier for in other words specific. Diaphoreties, are very usefull medicines in

Of Opium in By sertlery, I am of opinion that this disease cannot be managed without the use of this medicine; there have been many disputes with regard to the time, quantity & state of the disease in which this remedy should be prescribed. Syden ham treated it almost exclusively with opium, while Cullen who has seen little of the disease was very scrupulous about

employing it. Tyden ham commonly prescribed his Cathartie, but always used his anodyne draught at night, I where this, febris introversa, as he termed it was very obstinate, he did not neglect the use of Opium in large quantities, but udually gave 30 drops of Liquid Landanum, and the frequent repetition of anodyne glysters - I have found the disease by no means eatily managed without an early done a liberal employment of this remedy, though the Eu-- rope and have not been able to use Opicion so freely, and among them Thingle observes, that he could not use this seme dy without an aggravation of Symptoms, in the early parts of the disease I was always obliged to use prequents purging before the employment of opium, and he could prescribe it, it was done with a sparing hand _ On Acberden was also of opinion that opium, when exhibited early was, mortal & absolutely rejects it, except in the

152 last stage, and then in very small quantities. But in opposition to the testimony of this gentleman, Do Lines informs us of this article is indispensable I Dr. gives us an account of those epidemic dysenteries which were treated alone by opium, that being found the only seemedy to relieve pain & bring away stercoraceout matter, batharties having been employed in vain for that purpose. It is certainly a nice matter, to decide upon the pro-- pricty of the administration of this article but we may hold it as a rule, that when there is a great degree of phlagistic diathesis and when the Scybala are retained that it is improper, but When there have been removed by propen measures, it becomes in dispensibly needsary and will be found to be the only means in re--lieving the tenesmus which is so distressing a symptom in this complaint, In the Epidemic of 95 I treated my patients at first chiefly upon

the Cathartic plan, to the last stage, and soin the impropriety of the method, and had recourse to opium which pretty generally relieved tenermus and ours wered my best expectations. (Blitters are very important applications to relieve the pain of this disease, and may be applied to the abdomen; ankles I writs; the first way is extreme - by unpleasant & disagree able to the patient, but when the pains are so very violent as to indi cote a tendency to gangrene, we must luy aside all scruples, and immediately have re - course to ito, best when the pains are not so severe, those applied to the ankles & wrists, will be found iseficel in moderating them. Jenafresms, one chiefly adapted to Syphus Dy-Sentery - On hartley gave Mux bomica to a day and in order to obvicate its deliterroug ten dency, he whipped the animal in such a

a manner as entirely to obvicte them and it is probable that flagellation might act in a Limitar manner in relieving dy sentery, but it is a measure that I expect it will not be acceeded to in an american army. of Salivation in Dysentery. This plan originates as for as I cam able to discover, in this bity many years ago and the method of prescribing Mer_ -cury was in the form of Calomel combined with opicion, & bor blarke, who has sonce adop Ted it, considers the plan as specific in the disease. I imitated the practice in the year 95 and was so successfule that I absolutely thought that if a Hyalism could be excited by enercieny, my partients was out of all danger; bett two cases have since deterred me, from perusing this plan, in one after all the dy-Senteric Symptomy had been removed a mortal hemorn hagy ensued in consequence of the Hinnerens of mercury, and in the other a caries of the face supervened, I would therefore advise a caute our use of this measure and restrict its to the disease when combined with yellow fever or is complicated with typhus, and then the Salivation should be slight. If after the em - playments of Mercury 3 or 4 days, there should be no sensible effect on the gums, and no benefit in other respects be produced, Iwould advise you to lay it aside as a hazardous remedy; In the Aysentery complicated with Sourvey, all agree in the impropriety of employing mercury in any way. The Diet of the fatient should be of a vegetable kind, as fruits in particular, barley water, rice, then Soups, Mich which is better when made into whey on when boiled, to these should be added Small quantities of animal food, as beef tea, when the disease partakes of the Typhus Hage

Of Tamus. There are generally not much re - quired, except in the protracted form of the disease, when it is kept up from debility & habit; and here the perwian bash is the puncipal remedy which has been spoken of highly by Oringle & bouglass - Simarouba has also been thought on excellent remedy in this state of dysentery, and indeed we are told by the french, that it exerts a specific action and should be used in all Hages Sparticularly the decline, but the observations of the English Physicians give a negative to their opinion, in whose hands it has settled down to a resefule Thores arnica- be informer that he has succeeded with these in putrid dy sentery when every thing else had failed, I have neven employed them but think from the intensely litten taste of the flawers, that they may be

well adapted to this protracted form of the complating they may be given in decoction or infusion. The Serpentarias has been employed by Phingle and others with great advantage in Typhius dysentery - There sometimes succeeds to the disease a paralytic affection of one arm & leg j which I have seen in several instances; those authors who have noticed this circumstance have attributed it, to the imprudent use of asthringents, and indeed in those cases, which I save, I was induced to believe that it originates from that cause Of Diarrhoeco. An. Cullen describes this disease in the following manner; A disease in which there are prequent stools, not contagious, and with which there exists no primary or idiophatic? fever.

The Professor, has erred considerably in placing this among his Meurosis - for as her Mosely & Rush have said, it is truly, an intestinal state of fever, as this Symptom is constaintly present, so it belongs to the class Lyregia. The Edin burgh professor notices several species which in my opinion are only varieties of the same disease, _ 1the brapulent, in which the stools are more liqued, frequent, and greater quantity than is natural, this is the same as common Di--arrhoea - In Bilious in which the discharges are of a Mellow or Bilions colour_ 3" allucous Diarrhaa in which the discharges are of a Mucous Mature, this originates from bold &

is a kind to which gauty people, are parti -cularly subject, when gout is thrown from

the extremities to the intestines _ 4th

Ith The boeliac diarrhoea in which a whitish Modter is discharged in considerable quantities and so nearly resembles Chiple, that it has been taken for it; but nevertheless it is evi -dently different - 5th lienteria diarrhoea in which the food is evacuated almost in the same state in which it was swallowed being but little digested _ 6th The hepatic, this originates from the liven & the matter discharged is of a bloody derous colour eva. - cuated in large quantities & without pain. Of the bauses. These are precisely the same as those, that give rise to fevers in general, wether in termittents, remittents, or continued, as marth miasma, Cold te be have many withances showing that putrid animal

substances are productive of ito, as is illustrated from putrice dead bodies, exposed in the Gield of battle, and communicated at the same time Hevers, Dysenteries, Diarrhocas, to there may be added, the taking in of acrid but - Hances, sinfroperly sligested aliment, and an indurated state of the Medenteric glands, arising from Scrophula & other causes. of the bure. The most important of the class of Medicines employed for the cure of Diarrhoeco are astringents, wether taken from the vegetable on Mineral hingdown, but with respect to these, a certain pule is necessary to be attended to Dix. That they should never be prescribed without a regard to the state of the pulse I heat of the thein i ble are pleutifully furnished with this

kind of remedies, some possessing a greater degree of sedative on Stimulent power than others. at the head of the astringents I do not hesitate to place the Terra Japonica on Rino, for they so nearly resemble each other, that apothe -caries can with difficulty distinguish them, they are both brown, brittle, and gum resinous, regetable matters profsessing nearly equal degrees of astringency, but I think the former is most powerfule; it is a favourite remedy with. me, and I have succeeded with it, when other remedies of greater repute have favailed; my formula is the following. A Tona Japonica or hino - 31 Jugar & Gum arabic each Zy Curiamon or Mint Water 3j agua purce - - - zvij of thei

a tea spoonfull thould be given every hour, So that the whole should be taken in the course of the day, for it is necessary that the patient should take 3 j of the Mino, at any pate in that time, provided no inconvenience prevent; if this formula be not taken, the Fincture may be employed, but that is ob - jectionable on account of the spirited contained, It may be prescribed in powder in the dose of 6 or 8 grains - lear 8 times in the 24 hours _ The decoction of Logwood, has been found efficacions and also the galls in strong infu - sion; but of this the patient cannot easily bear more than Ii a day) - Rhubarb prescribed in very small dates has been very much recommended, but of all the Medicines which I have ever used in Diarrhow,

More has surpassed the Sal: Plumbi: This is to be given in doses of low 2 grains in the 24 hours in combination with opinion, when it is much Safer, than when administered alone, We must not forget however, that if it does not do good, in the course of 3 or 4 days we must lay it aside, for by continuing its use much longer, a large quantity would collect in the Lysten and produce deléteréaux consequences -Cometics - are often found valuable agents in the cure of diarrhoea, and thould be principally of the attringent kind, such as infusions of galles, weak Solutions of allum, Solutions of V Kino, &probably of Sacharum Saturni, which I have never used, there are expecially adapted to lientery - absorbents have at times been of excellent use , and their goodness seems to de fund upon the quantity of acid, generated in the

H Stornach, which they neutralize, and of these the principal are line water & magnesia, the former seems to possess, not only an absorbent but an astringent power, by the agency of which it may alone cure the disease. In Inter mittent Diarrhaea our semedies are bank I landanum, when the disease has laster for a considerable time, Iron has been found of contiderable advantage, withen alone or combined with barks. Colisters are remedies of great importance & what we have said relative to their use in Dysentery is applicable here. I have fre--quently informed you, that fever accom - paries this form of disease, and when the pulle informs you, it is necessary to detract blood - Bleeding in small quan -tities I frequently repected is, in my opinion the most efficacions - inflammation some

times exist in the intestinal canal, were the pulse wice De no longer be the "Dial plate" to the System and consequently will afford us no information, as it regards the degree of inflammation; the blood drawn will generally be found to have a buffy cout, Topical bleeding by means of Leeches has been found to be of service. In Diarrhaea of long standing, besides the remoders already noticed, I have been remarkably suc -cefspull by means of ifsues, which in such cases, should always be resorted to in the decline of life, they should be made on the lower entre - mities just above the garter tie. In the same form of the disease, a moderate Salivation has cured, when every thing else had failed, it should be excitted by the blue pile in the dose of I grain, combined with opinion every night; it is not attended with that danger

which attends Salivation in Dysentery; Change of Climate has likewise cured bear hoele when all the Medicines of Materia Medica, had been used in vain ; I would recommend a warm climate. Emetics are likewise very usefull Medicines and are employed, not only with a view to excite a full evacuation, but also to excite Some degree of Moursea. They are the chief medicines relied on when the disease arises from an airid matter taken into the Stomach; and I would ask what would be the effects of the dry vomit in the long standing & ob stin ate causes cases of this complaint. My own opinion is, that it may be admi-- mistered with considerable advantage, but only in those Hages occurring in torpied habits, as in Jalsy, Rherematism The formula is equal parts of Specae: on Fartan

Emetic, with blue Vitriol Ion 1/2 grains of each, But I generally prefer specae: to all other Me - dicines, in common cases. Diaphonetics are besides the semedies already mentioned, of considerable adventage in Some states of the disease, particularly when the Diarrhae is Symptomatic of the prevailing epidemie as it occurs in autumso; but in a Chronic Stage we cannot expect to much from them; but flannel is always to be used here, more particularly in old people, not only when the weather, is variable, as in Spring & Winter, but in autumn. Cholerce Morbug.

Professor bullen here, as in other diseases of the like character, has arranged it improperly, under his order spasmi, for it is properly a febrile disease and should be placed along with those previously treated of under the title of Lyrencia.

Der. bullen preseribes it in the following mannen; A disease in which there is a sumultaneous pomiting & purging, accompanied with dis--tressing griping, great ansciety & painfull spasms in the lower entremetics, particularly the calves of the legs, Cholera Morbus occurs especially in Marm climates and, but very seldom, in bold; it is much less common sie England than in the M. States, it is extremely rare in dethand, it is note known in Sweeden; but in the M. Indies it is an extremely common Imortal disease and occurs of tenesh in the hoto seasons of the year, and in Philadelphia, though it appears oftenest at those times, yet it is not uncommon to meets with its in Spring & winter The attack is for the most part very sudden, quickly inducing the most dangerous state of

is warmly covered, it is sometimes of a remit_ tent and frequently of a terticen type, and in this manner, it frequently appears in the Eastern Shores of Mary land -Causes. There are intemperance of eating, Gout trans lated from the extremities; Some say worms, but these probably concur in aggravating the disease when it does appear, brabs and Cysters in a state of putrescence; lobsters, there are so common a cause that many are afraid to eat them, after being brought on the table; the bites of venemous Serpents, Mineral poisons, as Copper Untimany, the oxide and other preparations of arrenie; Mercurials & tubeth Mineral lo-Du Tydenhams, Method - was in the first

place, to encourage the thorough evacua-- tion of the offending matter, by diluents em - played in large quantities, he afterward, to the large use of Opium, this is very correct practice, when the energy of the System is not so for wasted, as to render it dange - rous for us to abstain from Opin too long; after the diluents have been simplayed, the opinion should be given very largely I com - bined with Mint water - if upon this treatments the progress of the disease is Juddenly arrested, and heat & thursh, and constipation of the bowels ensue the must lay aside the opium and have recourse again to diluents, in the form of Enemitta, as chicken broth, barley water le - to relieve the costivenes I tenes mus which sometimes occurs in

Cholera - But it often happens, that the progress of the disease is so violent, especially in old people, that there is no time for diluents and we must resort to the prompte & ready use of Opium, both by the mouth and and, and in this state I have recourse to other very powerfule stimulants, which procure effects that cannot be answered by any other measure; so importante de I conceive their that they should never be dispensed with in that state of the System; I allude to the application of Simapisms, to the wrists, authles, abdomen, & more expecially to the boloes of the legs, When the spason occur-Chisters are likewise very effecacious medicines, but their action is not so prompt as that of Sinapisms, The Spason may likewise be relieved by the use

of the warm bath, and when that is in convenients to the patients, it may be substituted by spirituous.

Comentations with flaunds on the abdomen, Blee -deing is to be reforted to, in the first instance when the pulse is fule & strong; but it has often been pre - seribed improperly, and is a practice but little fol - lowed by my brother pactetioners, though if free -dently directed it may greatly contribute to save the Potient. - The drinking of Cold Water has been highly recommended by Aurelius and other. ancient Thy sicions with a view, as they report, to relieve the mondinate heat of the Stomach, which attends this complaint, we see that their conception of the disease from this circumstance was very ra I troud and the high recommendations from the Spanish Physicians should induce us to try to; although I hever have. Much has been said of the efficacy of bitters in Cholera Morbus and particularly the Colombo;

This has origin ated, in my opinion, entirely from the idea of antiseptic powers of this vegetable, entertained by Dr Percival, which he supposed acted by correcting the putridity of the bile; upon which he imagined the disease to depend, and consequently was prescribed in all stages of the disease; but it has no greater claim to an autiseptic power than back, and other remedies of the same family, and therefore is only usefuce as a Tonic, Cholera Tertiana, is to be cured by the plenti-- full administration of Lark in the intervals, and landanum in the days of attack.

Cholera Infantum.

This disease is precisely the same as the former, only the one attacking children, and the other, those who are grown; it seems to have excitted first, in the ll. States, and is by no means common in to the Morthern parts of Europe, or any part of the old continents, excepto in the last Judies,

Where its violence is to great, as (Serepect) to give but little apportunitys to the Physicians of that country to mark its phenomena. I therefore conclude that it is a disease by no means confined to the lattates, but exists on the old continents, especially towards the South, in the East, Indies, only in a more aggravated form - I appears principally in hot climates and is infinitely more prevalent in large Cities than In the Country, in Charleston it appaars about Opice I may - but here it rarely corner on till June, and is very prevalent from the middle of that mouth untile formetime in Septent? --It is confined to childe of from 3 who to your old, and rarely, if seven, maker its appearance before the former period; it is a popular belief that child are more subject to it the 2 nd summer after birth, and it is probable that this circum - Hance may derive some support from dentition,

rendering them more liable to this disease at that time than any other; It sometimes comes with a slight Dianhaa or lay, but more often with a vomiting or purging, as in Cholera morbus, the fever being beldom to great as in adults, and Sometimes little or none. The matter discharged at first, is often nothing more than the wilk which the child had swal - foured, miged with muccus, at other times pure tile, then again of a greenish colour, and sometimes a watery fluid is thrown up, possessing a Seculiar Sound smear. The Child suffers great point, though, com - paratively, not so much as in adults, the legs are subject to a kind of spaser, as is evinced from the circumstance of the childs draw-- my up its legs, which is also a proof of the pain it duffers, The pulse is very various

being sometimes strong & fuce, and at others weak I frequents; The head is often morbidly hot, and the feet are cold ; while the Child is affected with a kind of delivium on Marica, as appears from its appearance to bite the murse; the belly becomes turned, the feet Hego swell, the eyes loose their natural vivacity - become fuce and frominent, the pupils dilate of strabismus supervanes; when we may be confidents of the existence of hydrocephalus interness. Child in this disease rarely sleep, but may be said to dose with their uses half open; There is great insensibility and indeed so much so that flies may light on the un covered eyes, without any manifestation of feeling from it, The Lever attending Cholera Infantum is parely of a continued kind and never of the continento, but more offen of the intermittent farmittent types, and observing the que178 quotidian Hortian periods, when the paropysms comes on in the evening;

Its duration is sometimes no longer than 48 hours though it is oftener from 2 to 3 days to 5 or 6 weeks, when at that time or before, we must expect a considerable change in the System, the action being then of a typhus kind.

Of the Couses.

Le hot, still and moist estmosphere is the great & semote cause of this disease; but must also acknow-ledge, that a pecceliar state of ito, arising from repeated respiration & perspiration, or why, should it be more prevalents in the Cities, where we not to consider this circumstance as contributing to produce ito, suppressed perspiration from cold, is also a frequent cause — of the suppressions causes none appears, in my mind, more clearly established than that of teething,

and in proof of it, the disease is at no time so severe as from the 7th, to the 12th mouth; but it is by no means so principal a one as some would have us believe, for why should the disease appear at a particular season when the process of dentition is going on at every season of the year, and why also, should it prevail, particularly in bities; Morens, are in my opinion a more frequent cause Hby far a more mortal one; I must here differ from the former professon in this University; who maintained an Idea, that worm could never be productive of a primary & idiopathic Coude fruits are considered as another cause and especially the acid of the pine apple, which not only gives rise to the disease in Children hat in adults; I, however do not consider ripe fruit, as concurring in any degace in producing the disease in Children; since they are evidently

a very important aliment in securing the hatient against any attack of the disease.—

Grown what has been said relative to intermettent bremittent fevers, Diarrhaa & By sentery, Cholera Morbus & Cholera Infantium, it will appear that they are nearly the same disease; and only differ in their modifications of each other, arising from the same remote & I may almost say, the same predisposing causes.

Of the Cure.

Our first indication of cure, in the breatment of this complainte, is to evacuate to Homach and intestines, and for this purpose, nothing is better than weak chicken broth, Chamomile flowers made into a tea, Barley water to, Purgatives of an active kinds are never required, and the most we should do, is to open the bowels by same gentle luxuative, of which there is none

better adapted than the oily mixture; the formulas of which is given under the head of bysentery; Magnesia pubbed down with Jum arabic & white Jugar I given in Milk is also a very good lay. ative, particularly of these bennuch acid in the Stomach; to these we may add small doses of balamel & opium, if the discharge be foeted & bilious and we have reason to suspect the presence of Abovers - Co-operating to render the disease more distressing - In administering Emetics great Micety is required, and indeed I never go further than to prescribe bhamomile tea with that view, which is fully adequate to answer every intention -Opium is absolutely in dispensible to allay the in ordinate purging & puking which attend. this complaint; The manner in which I have formerly prescribed, was in the form of the Cretaceous Julap, but Juding that

very aft to spoil in warm weather, I have sub stituted the following Af of Opium 1 gr. or Landamum 25 drops Jun arabic Z Son White Sugar & - - Tij The 3 first ingre-3/0 rubbed down, & Magnesia -then add the rest ; Mint Water -Com. Water _ binnaman Water is sometimes substituted, but Mint is preferable: of this a tea spoonfule may be given 8, 10, or 12 times in the 24 hours, to a Child 6 years old - To the simple method above prescribed, the disease wice often readily yield There is great circumspection necessary in re-- commending blood letting in Cholera Infantum and indeed it is a practice I have never adopted, but do not doubt of its propriety; yet I have neven found it necessary, and I have always had the gratification of seeing its use supersceeded by Spronging of the body with cold water, which is

indeed a measure of the greatest importance; some have gone so for as to order buckets of water to be thrown over the Child, but I should be unwilling to go parther than sprinkling The disease very often becames of a Chronic Ma ture, and when it arrives at this state a vari ety of Medicines of the astringent class have been recommended - among there none has been more strenuously advocated than alum combined with landanum, by br. Rush and other respectable physicians of this bity; I have no doubt of the importance of the remedy, but I have great foult to find with the quantity given by those gentlemen. Docton Rush in forms us that the dose for a child was gos. every 2 hours for 24 hours; this quantity is absolutely un manage cable for it will, despect, pretty generally pule & purge, consequencies which we are most desirous to avoid. In intermittents the Maximum dote of alum is not more than 5 on

6 grains, and the medium about 3- every 3 on 4 Thours, and consequently we must conclude that a dose much less than the above would Suffice a Child's with Cholera. I should not think of giving more than 2 on 3 gry. in the 24 hours - In this state of the compt. I have found the formula of Kino or Terra Japonica described under the head of Diarrhoea, a much more effecaciones medicine, and one which. most children wile take readily. Many of our native attringents have been found proposed in Cholera, in this staye, and none is of more deserved reputation, than the poot of the gevaneum Macu - factures; It is the post which is used, and sh? be boiled in Milk, which makes a very palatable astringento Assedicine, and at the same time a large quantity of Mutritions matter is carried into the system, as few things of this kind are more so than will. A decoction of the root

of the black berry has been much extolled, the virtues of which , I imagine depend pretty much on its astringent principle. The initability of the Stomach, so much atten don't on Cholera Infantum, Thave often success -fully relieved by a use of the weak infusion of Mustand , which , in my opinion , is a valuable medicine and one of the utwost importance; but In the Chronic stage there has been no andicine more successfully employed than the Sace haven Saturni, and is one which, in my opinion, has Saved many a child from the grave; it may be given to Children, of from one /2 to 2 years of age - in the quantity of 2 on 3 grains, in the form of emulsion, with from anabic, in the 24 hours, Childen are found to bare it proportionably better, than adults _ Blisters are measures of the greatest importance, in the cire of this disease; they are found the best themulants to support life, eminently

suited to suppress vomiting when applied to the Stomach, and well calculated to relieve Stupor when applied to the head; they sh! be applied to the ankles I write, and more rarely to the abdomen. Tihapisms are likewise of great efficacy but are more transients in their operation; they are also applied to the ankles & wifts and to the abdamen to relieve vomiting, but they must never be strong - nor more than /4 or /or part of mustard to the quantity of Meal made use of. In this stage I have derived much advantage from the use of mild Calapmasons of boliled Onions, and the same of Jalt and bineg on, as Met I have said nothing of Cordials, and of there wine is best & porter next - It is a remark -able circumstance that the appetite of Childre for Throng drink in this state of diseade is very great ; and when it does excist, let them be in-

dulged, even though they should want its undituted, for the appetite is natural , and we of not with - hold it - it often happens that they prefer milk punch to any thing else, and when they do, there is nothing better suited for them - On Miller Speaks very highly of sincele closes of Calomel to Opium, in the Chronic form of Cholera Infantum, I have only employed it as a laxative I conse - quently can say nothing of its efficacy -The Dr Seems to have employed it as an alterative of the preventive measures. In the commencements of the hot Sections, it Should be the practice of the mother, to remove the Child from feather beds, as they tend to keep it warm and relayed, and substitute a matrafs - bradles thould be particularly avoided, as they not only produce the incon - venience just mentioned, but also preclude

the ready admission of healthy foure ain The occasional use of the bold bath, should not be neglected, and we should be particular in accommodating the dreft of the season, and also enjoin cleanlikefs - The indulgance of Salt ham & Salt fish is highly propen, as well as the use of animal food, in general such as beef & mutton - and the use of Porten and Wine at dinner, The child should al -ways be indulged in the stimulating con - diments, such as mustand, horse Radish the but never in pickles because they are of a hard, leathery, indigestable texture and not at all Suites forthern - I would also ask, would it not be proper for the mother, to pay some alten - tion to her solid If hier aliment? To this I. will add the removal from the bity to the Country before the commencement of the

hot mouths, I neglected to mention in the treat - ment of this disecte, the use of the warm both, when the pain & uneasings are great; and if that is objected to, the application of flaunch wring out in hot brandy applied to the Abdomen. The air in the vicinity of the Jea, is thought to prevent Cholera Infanteuw entirely, so that be- informs us that it never appears at Lewistoww - I will add that removal from the City, even when the child seems un -able to bear the slightest fatigue, will cure when every thing also has failed, and so great is the importance of this circum -- storce that we should never loose sight

190 Of the Phlegmersial. In butten described diseases of this kin

In butten described diseases of this kind, in the Sollowing manner; a Synoche on in flammatory fever, accompanied with topical pain; and injury experienced in the internal parts, blood drawn, on becoming cold throws up a buffy coat.

Of these the first I shall speak of is

Rheumatism

Professor bullens arrangement of this disease, is not entirely correct, for in its most distinct to acute form it has much less phlegmasia than many others, and it is sometimes doubtfull wether it exists or not; it is so intimately allied to intermittent & pemittent fever, that I may be excused for speaking of it so closely connected to them. I generally of it so closely connected to them. I generally may be excused for speaking of it so closely connected to them. I generally of it so closely connected to them.

intimacy of the diseases, and Hippocrates spoke of its 300 years ago, as an intermittent. Cullens definition of Rheumatism is as follows _ a disease arising from an external cause, for the most part evidente to the sended, attended with pyreseia the should have actored of the intermittent & pennittents type) and pain affecting chiefly the large joints, and shooting along the muscles sometimes, which pain is increased by external heats; The Edin burgh professon, has several species, that they are more properly varieties, of these the chief are Sumbago, a painfull affection of the loins; (Theumatismus boccy gens, when the muscles of the Sacrum & Coccyx are chiefly diseased - Sciations when the Muscles of the hip joint are affected, & Bastand Pleurisy when the Muscles of the Thorax are their affected. (Kheumatism is divided into two Rinds, big,

The acute I the Chronic; it is the former which properly belongs to this place, and is the first which we shall proceed to consider _ It is a disease common to cold Climates where In -termittents are but little known, but it is by no means peculiar to them, for it exists I si all countries, when there is much vi-- cifictude of weather, particularly in the M. States; but where the range of the Thermome tor is moderate, as in majorca & minorca it is but seldom known. It makes its ap-- peanance, in the United Hates, in the winter, but also in the Loring & Meturny Scarcely ever in the Summer; it is most common in marshy situations, as in damp grounds, and I have been of opinion that Caleareous Soils, favour its excistence, from communi cations that have been made to me, that

persons, living in calcaneous grounds in pirginia, were extreemely subject to it. Of the Courses. Ith. It arises most generally from the application of Cold when the body it heated & especially when perspiring _ Ind. when cold is applied to a particular point of the body, while other parts of the body are preternaturally warm-300 from wearing damp blothes, and here Dr. Cullen Stops ; but independent of these, I will add Marsh Micesmita, as is clearly evin ied from the circumstance of this directe Vintermittents existing at the some time in the same family , and alternating with each other - Metallie Matters give rise to its, and this Kind effects principally painters, potters, gildery Halso most workers in lead, we then arrenic has ever produced it, I am unable to say.

194 Rheumatism arising from the lash mentioned cause is so nearly allied, in all its symptoms, to common Rheumatism, that it is ex tremely difficult to distinguish them; & if any difference does exists; it consists in the last being attended with obstinate costive mels, and in being more difficult to cure. a suppression of the discharge in Jonor hoea is sometimes a cause of Rheumatism, and have had occasion to see many cases of this kind, The patients they affected while complain of most pain in the knee, and frequently of pain in the adjacent parts, it will not yield to bleeding and the autifulogistic measures, and is only to be effectivally cured by renewing the dis-Of the Predisposing Causes. among these, Der Gregory, has placed, Climates und the Seasons of Spring & autumn, but

More, which properly predispose to the disease are a plethoric habit, violent exertions of the Mus--cles - profuse evacuations by sevent, Va peculian irritable state of the mind _ Hersons between. the age of puberty \$ 30 on 38 are most liable to it, though it may take place at a more advanced age, as well as in children of 4 or 5 years of age -Of its Thenomena, It is always attended with pain more on left severe, the vigcera being rarely if ever affected; this pain is Seldom stationary but generally is shooting from one joint to another, and is greatly in creased from the exercise of the muscles of the joints - It attacks principally the largen joints, Such as the Shoulder, hip, elbow, & Knee but sometimes the smaller joints are affected, as the livists and ankles, though the toes blingers, are searcely ip ever affected,

The pain in the levisted, is peculiarly apt to take place in painters potters to, which may probably wrise, not only from the topical application of the substances, they are obliged to use, but also from the great exercise of that part; it sometimes happens, that the un - easieres is confined to one joint, but it is more generally diffused, and then a fever follows ushered in by a Cold Stage. The pulse is full, frequent & hard; but there is an acute Theumatism especially occurring in Sy philis from the mercury simployed in that disease in which the pulse, though frequent, is small. Der Cullen pendarks, I that if no pyrexico exists, the pain is more apto to be I confined to a particular part, but if it does take place, it will be more liable to shift. Anoun one place to another. The fever attending has an exacerbation every night, when the pains

are less stationary and greatly increased, from the heat of the bed bloaths; it is sometimes of an jutermittent form, observing a tertian I quotidi -an period _ after the pain has continued some times reduces I swelling come on, which in Some measure alleviate the uneasiness of the part, though it is very sensible to the forch - Sweating sometimes occurs in the early stage, and though it seldom proves critical, yet a moist skin contributes greatly to the cure. The Unive in the progress of the disease, becomes high coloured, and Howards the last deposits, a lateritions declimente, which is sometimes critical, though it is by no means un common for it to continue some time afterwards. the blood drawn throws up a sign coat & deposits an unusual quantity of red globulas, which is in general proportionale

to the violence of the disease - Thom what has been said, it evidently appears, that Rheuma tism is, of an intermediate nature between intermittento I remittento fevers, and genuine phlegmasia; the former being terminated by transparente gelatinous effusions into the thece of the tendons, and the latter ter mi water by a formation of pus, the tumory. attendante on Rheumatic pains are fol -lawed by troublesome Alcers, if opened. Of its duration, It terminates in some persons in 4 on 5 days, but it is most aft to continue 10 days, I even several weeks; when it sometimes happens that the seven will Subside of the pains will remain, but not to aft to shift as before I not so violent. The disease always proves more obitinate when the fever is of an intermittents type, than when it is continued _ at neven

attachs the Stomach I brain like gout, but nevertheless in pritable habites and espe -cially in those who are predisposed to gout, it wile fix upon the heart & prove fatal. Twelve cases of this kind were under the care of Dr. Dunlap - Seven of whom died; Upon diffection the heart was found enlarged, pale, doft and extremely tender. There are several varieties of this disease - and first of Lumbago, which is attended with pains in the loins down the Secrem - & to the Ureters, producing Symptoms, at times similar to those of Mephritis, but distinguished from it, by the last being accompanied, by Retching bomitting, and Mumberes extending along the thighs, it is always increased in an creek posture & differs from common Rheumatism, by being insensible to the touch, it most commonly arises from

prolence done to the loins, Sciatica is known by pain in the hips, extending down to the knee joint, it is the most obstinate form of Bleumatism, and is thought most nearly allied to gout, from it sometimes alternating with affect Itions of the Romach; it sometimes produces a lagative of the joints, from relaying the round be -gament & abscept sometimes supervene; it has been produced in Woman by a suppression of Milk. The blood drawn in acute Rheumatism is sizy; the surface concave, with depression in the middle

The surface concave, with depression for and the edges sevated, which appearance is generally indicative of high arterial action; but nevertheless occurs in articulo morbis, and frequently in
intermittents Bheumatism, when it is need sary to
use the bortex to cure the disease!

Of Chranic Rheumatisms. Is the sequele of acute, and is termed by In bullen arthrodynia. he describes this decease in the following manner; After much straining on muscular efforts, or after scute Rheumatism, pains follow which are of short duration, increased by motion, and relieved by hear, but the limb becomes greatly enfeebled, rigid & cold and is Seldom much swelled, and there exists for the most part, but little fever. Sweating is deldom universal but local, it is always cold & clanny, The pain of the part is increased by cold; which phenomena destinguishes it readely from the accete form of the disease, previously described Besides the above there are other forms of the disease, as the corbutio, which is common in many of the Sea bort towns of Europe; and the Dy Senteric Rheumatism known by the affection of the joints alternating with affections of the intestinal canal - Meither opwhich, have I even had an apportunity of seeing. Besides these, there is Rheumatismus Calarrhus in which the Musely

of the throat, are Rheumatically affected & attended with Cotarrh. Of the cure of acute Rheumatismo. On this complaint is one of the inflammatory kind, The measures adopted in diseases of that character are necessary in this, the first and probably the most important parts of our treatments is, abso letely a space diet; which thould consist entirely of begetcelle matter, as preparations of Barley, Pice to - which sometimes may be conveniently acidulated - Bleeding has been considered by Many as a newedy of the greatest importance, and Eullen approves of large Frepreated bleedings, In the early stages of the disease, according to the State of the constitution & violence of the symp toms, but nevertheless, judiciously adds that Such bleedings may sometimes render the cure more tardy & course the acute to pure into the Chronic form. - - I do certainly approve

of Bleeding in the early stage, but think, that Practice has been consided too for by the Physi. Tydenham in the first part of his life, thought highly of the efficacy of plentifuce blood letting, but towards the close of his life, observing the affinity between Rheumotism & Intermittent fever, he was a much less advocate for the practice and treated the disease more whom the tonic plan, and since his day, the Physicians of Great Britain, have pursued the course chal - hed out by him , neglecting in a great degree benesection during the parayysm & seizing whom the interval for the oldministration of the bark. When the disease arised in young plethoric habits, and arises from cold, bleeding is indispensible, but is less required when it partakes of the nature of an Intermittent

and still left, if at all, when it arises from Me 204 -tallie Matters. In the case of a Printer, thus affected, Journa not the least impression made on the disease by this practice. In short, however, when it arises from boldy we must resort to it, The appearance of the blood, does not always enable us to judge of its propriety for the buffy coat sometimes appears in the most atonic state of the disease. AMP Kelly has spoken highly of the application of a tourniqueto, above the affected jount so as to compress the artery of them to detract blood from the veins. Dr. Darwin from analogy suggests the em -playment of this remady in fout. but I think it could hardly be borne by any so unfortuncte as to be affected by that dissase, Topical bleeding with Leaches

has been found highly serviceable when the joint bus been is such affected with pain, swelling & in flammation, though I think, I have sometimes Seen it produce a metastasis of the affection. Cotharties and much greater importance in then - matism than blood letting, though bullen ob-- jected to them, from their proving too great a stime -lus to the intestines, and thereby aggravating the complaints; but this objection cannot extend to the milder ones, as oil, Senna Ic - Calomel I Rhubarle is a favour ite medicine with me, and this remedy, Derhaps, is more properly adap - Ted to intermittent pheumatism, than those arising from cold - I mean Catharties in general Emeties are remedies of considerable importance from their evacuating the Homach, operating down words and determining to the surface, and are especially adapted to theumatein

of the Intermittent kind - Large doses of. Mitre, after blood letting - have been prescribed and highly recommended by Dn Brohlesby -Air practice was to difsolve Zij of Mitre in a pint of Mater - of this a tea spoonfule was to be given every hour, if it should pomit, The valine drang ht is to be Substituted. The bawels are to be kept open by Cream of Sartan &c - By this practice the Dr. States, that he has been very successfully but this quantity of Mitre could Scarcely be borne by any person in the United States, and in fact we find that not more than 3's can be borne in the twenty four Lours, I have and the disease often by one bleesing. By suitable quantities of Mitre combined with tartar emetic or anti-mornine wine and sometimes tincture of Digitalis and

followed at night by lovers powders. 20% I have seen the disease, in its acute form, repeatedly cured, in the Philad a Ollins house, by the fol -lowing plan of treatment, purshed by Day Plapp, physician of the Institution. The Stomach was, in the first place, evacuated by the Tartar Emetic, and then Back and Mitre were given in doses of grains XXX of the former to gry X of the latter, three or four times in the day - If after to or 8 days, the patients did not experience much relief, The Emetic was again repeated, and the Back and Mitre continued as before, The Pratients were generally benefitted immediate - by or in a few days, and recovered without Swelling of the joints, so frequently attending this disease. This plan has been latterly much pursued in London. (Erskine)

Opium has been prescribed in this disease, and Sydenham made it a pule, never to quie it mutill 5 days had slapsed, though it may be administered sarlier, Got we must receive it as an aphorism, that if it does not prove diaphoretic, it is of no kind of use, I with that been we have a preparation of Opium infinitely more valuable than that Article itself - and one which is the most important Medicine in the cure of this complainto, of the rules by which we employ it, ought to be well known, I mean the bover's pawden, in which I suppose apwards of 1 gm or 1/2 of Phium and the same quantity of Specac: to be taken at a dose; for the rules by which we are to be quided in its administration, I refer you to bullens Materia Medica - I will here observe that I per prefer giving it at night, as I do not conceive sleep as incompatable

with sweating, it should be given with a small quantity of leater and no fluid should be drawly de - rectly after it, for fear it should point, but when sweat appear it may be promoted by large quantities, Drinking little at a time but fre -quently, The patient should be kept in Blankets During the Right, by which a uni persal sweat is produced, The night day he must be confined, least dangerous & die a - queable consequences might wrise from exposure to cold, By the help of this article, thus administered, I have cured by the agen -cy of bleeding & Junging in a short time. Other Marcotics have been found of con - Siderable benefit, and among these is Digi -talis; from the great influence of this Medicine over the hearts of arteries, we may conclude, a priore that it would prove serviceable in acute. Rhumatism; accordingly br. Currie of

Liverpool, has prescribed it with no small ad-- vantage, and before I was apprized of his using ito, Il gave the tincture combined with Mite, with the most decided benefit - I would try, to give go sleeps in the day, by it Mausea is ex leited, the System is relieved & daphoresis is produced, which last effect has been injustly denied by some; It is very usefull in some Pheumatism arising from suppressed lactation, and I need not add, it is well adapted to the disease when accompanied by dropsical Swellings, The Conium Maculature is usefully employed with a view to its seductive powerly by the agency of which, the irritability of the Systems is soothed moved certainly than by spicing, which is objectionable when given with this in tention on account of its stimulant effects. . The Leeds of Anam monimm, I am creditably informed have been beneficially administered,

arsenie, the is sometimes vain for us to attempt to cure the disease without recourse to this dicine which is especially adapted to the acute forms, & the tendency of the acute to the Chronie; but not at all to the latter; it is eminently swited to the disease , when it inclines to the intermittent lyke, When it attacks the loins and Muscles of the thoray, It preferable to the bootey in the Inter mittent Shape with the exception of Rheumatismus Scorbutus) because it can be given earlier than it would be allowable to use the Stimulanto property of the Bark, It by the influence of this Medicine, the Odisma Ursenicale ensues the may be confidente of its success - On the contrary ip no beneficial effects appear in a few days, we may lay it aside, as it would be unnecessary to continue its use longer. This article may be employed as soon as your choose, after bleeding and purging in the

quantity of 5 drops of Fowlers Solution, three or four times a day as a Medicine date, Back is a Medicine much used in this complaint by the British physicians, who prescribe it, in the acute form; without the least regard to pyrexico or intermission, but it will be found only eminently advantageous in the Intermittento form, and when it ap prouched to the remittent from, Whereas in the more continued forms of the disease it will be found absolutely prejudicial; though even here it may be given in ese tremely small duses his - 5 on 6 grains com - bined with antimony or specac: The Hog weed had been reported to be of a great luse in this disease, and may be given in powder or infusion, but I have neven tried it.

form, and when simployed, should be given in the watery Solution on powder, The advocated for its efficacy, have given it in dodes of 5 on b grains every 2 or 3 hours, during the day, Com bined with apium or specar, with a view to its diaphoretic operation, which they say, it as certainly excited as bover's powder, without the disadvantages of producing at constitution of the boweld, a consequence much to be Juanded against in this disease, and one which is very aft to follow the use of Dovers howder. I cannot however say as much of this remedy in the acute forms of the complaint, and I am of opinion, that it should never be used, untile after one or two bleedings I purgings have been premised Mercury is preseribed with two views, to purge &

214 and to Salivate; Calomel is recommended in the Chronic State by professor Callen; but in the United Hates, it is used to excite falivation in all the stayes of Acute Rheumatism in combination with other medicines duited to remove the disease; and it is probable that it ought to be used more frequently, when we recollect that many Pheumatic affections arise from a Typhillitic faint, lent I do not believe, that Mercury alone can over cure, but it serves to pre pere the Lystem for the administration of other rehnedices, when salivation is thought fit, it should be excited by the blue pile, and must always be moderate, for if it be greate, it will certainly exasperate all of the Lymptoms, Blisters are remedies which have been much resorted to in thew - matism, but they are impropen when there

is much disposition in the fains to shift, because they promote the translation of the excitements in no small degree. They relieve pain, but are only necessary fromthe evacuation they produce, and consequently from this view Sinapisms are objectio hable in the Octite, while they are very necessary agents in the Chronic Rheumatism. Of the Course of Chronic Rheumatism. This, professor bullen says, depends upon an Atony, of the Muscles A blood vefsels of the parts, consequently he emplayed Stimulants both externally & witer hally and with very great propriety; and the best Medicine which I have ever prescribed here, is the bolatile alka line, which may be given both in substance and gummy Solution, which last I prefer, The patient should take if convenient as much

as bij in 24 hours - Next to these, and indeed of little less importance, are the unbruised Seeds of Mustard, it not only profeeses the Stimulant power of the formen but joins with ito, a laxative effects over the intestines; a benefit that cannot be more conveniently obtained by any other remedy. It should be given in the quantity of a table spoon full of the unbruised seed, once or twice in the course of the day; but the use of this Medicine alone, I have seen the most lamen table cases yield. The bolatite tincture of quiacum is entainly a valuable remedy in this complaint, but I by no means accord with her. Dawson, in prescribing it in the accete form of this disease and in the large doses which he used in the Chronic. The only form of the acute in which I can conceive it to be beneficial is in the

intermittento type us a stimulanto; the 217 greatest dose of the Tineture Which I have been able to use is 3 for two or 3 times a day, and then the patient has been previous - by taken smaller dosed. The quiacum combines with its diaphoretic principle, a pung ative effect on the bowels, and the time time is now a favorite remedy among the Physicians of Philada both in this disease and palsy - I was once falling nearly into disreporte, from the circumstance of a patient who was using it, becoming paralytic under the bounds of Don Gregory of Edinburgh _ The Doctor did not recoller the great tenden -cy of Chronic Rheumation to Palsey; consequently all reproaches against ito, were Silenced and its credit soon again revived. The tincture of fishe berries, on Phytolacca decariotra is a medicine of almost equal

printered to the one just mentioned; like that its is stimulant, mildly purgative & diapho-- retie, it is given in doses of a table Spoon feel 4, 5 or O times in the course of the day; Among the external pennedies, which are used, are turpentine & camphon, and they are both remedies of considerable importance, but in acute Rheumatism or in any ap -proximation towards that states of they are absolutely prejudicial, for though they relieve pain, they translate it to more important parts - Two cases of this kind I have seen, One in a boy, who rubbed Expodeldoe on his ankles, for an inconsiderable pain Ried in an Epileptic paroxy son, another in a gentleman who made use of the same application to his albow, was seized with a paralysis of the tonque. But when there

is no evident tendency in the pains to shift from one jointe to another, it is an invalue -able remedy. With the same view, and in The same state of parts, we make use of the Situalie Unquent, composed of equal parts of Sitriblic acid & Land, as also frictions made with flowing and the dry hand, which is probably more effections than flannel. On addition to the Remedies above taken notice of, I will add the Balsams of Tolepoor peru, Copaiba I turpentine, all of which are very intimately allied to quiacuum and may be probably used with more advantage in Some cases of Chronic Rhen - matition, than that medicine, for ito Should have been previously mentioned that the use of vol: Find: of Guiacum is some times followed by painfull and trouble some hemorr hoids _ The Turpentine is to be pre

Scribed in the following manner. A A: terebinthematee Ij pub it down with a sufficient quantity of Gum. anabic & Sugar, to which add of agree purce 31x of this mixture, quie one desent spoon full For A times a day, by the agency of this Medicine, I have very often succeeded in very obstinate forms of the complaint. The Toliquose and Alliaceous plants have been very successfully administered, particularly garlies_ The Sincture of Cantharides is a very affecfual remedy, both in Chronic Cheumatism & palsy - The Vincture is preferable to the powder being less tiable to produce Stranguary though this sometimes may by Idesineable. The Tincture is to be given in doses of or 8 drops - For Attimes a day

and gradually increased to 150 or more, if the patients will bean it, untill the disease is conquered. I very effectual when combined with small doses of Capsicum. Salivation in this stage may be advantageously resorted to, as well as change of Climate & exercise if the patient can bear ito. The bold bath I have been afraid to employy but the woun is a very usefull agent, and may be use fully employed. of Ineumonic Inflammation. * This is thrown into this place because it is much left disposed, than Rheumatism, to the Intermittento type, and is most legitimately a phleg masian affection, Under this head I shall include both Peripneumony & Pleuvisy, for the causes as well as * Oynesia, pain of the Thoras, difficult respiration,

222 the fymptoms are so nearly allied, that it is difficult to distinguish them aparte, and even though There should be any real difference, the method of heat ment is nearly the same. Incumonia notha is distinguished from Pleurisy, from the fever being less violente, and the uneasiness attending being more a sensation of oppression than acute pains by its being accompanied with some degree of Catarrh, and being most apto to attack persons in the decline of life. Spurious pleurisy is known by sorenes of the Houch, little cough and attended by little on no ex - pectoration. The Lever attending this disease is for the most part of the inflammatory kind, especially when it arises from Cold & in dry tituetions! the fever even here is soldom of the continued kind, but mostly remittente. When on the contrary, it arises in. damp grounds & from marsh Miasma, the Lever is mostly of the intermittente or remittent types, observing Tortian or Quotidian periods,

and sometimes at the beginning, it is of a Typhus type, it is sometimes translated from the thorax to the abdomen, head &throat; when it is translated to the throat, it produces angina. Of the terminations, These may be sitter by re - solution or Suppuration, forming a Vomica on abscept, the matter of which may be expectorated, hafs into the Thorax, producing the disease of Empyena; on it may fall on the Diaphragen or Liver, produ -cing a disease, the Symptons of which are nearly the same as those of Aspatitus, and lastly, it shay pass into the cavity of the abdomen -This discharge of matter may prove instantaneous -by fatal, by suffocation - Oneuroonea may also terminate by serous effusion, giving rise to Ay--drothorayl, they Gangrene, which is the most frequents consequence, when the disease arises from cold, though this tendency of the disease il sometimes epidemie, as is exemplified from the

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putrid pleuresies, which prevailed in Bristol Salem & Adhesions sometimes form between the pleura & lungs, which are never any ways dangerous, afsifications of the Pulmonary arteries - and Tolypi of the heart, have been seen upon diffections of those who have died of this disease, The last arose prob - ably from Carditis of the predisposing causes, of these may be mentioned the male sex, laborious persons, persons of hard rigid fibre, from the age of puberty to middle age, those who have unsound Lungs from previous disease, a Rheumatic habit, are probably all predisposing causes to this disease, to which may be added, a Malconformed chest; It is less disposed to effect children, and is most aft to occur in Winter & Spring. of the Occasional Causes. The sudden applioution of Cold, when the body is heated, or depilitated, suppression of blood as in homorr hois,

or any other matter as the Leucorrhea in bomen hard dinking, violent passions of the mind, great indulgence in animal food, external injuries, queat exertions of the organs of respiration, certain States of the atmosphere, as in epidemic pleurisies, Metastasis from faut; angina, & Rhoumatism, the former of which is peculiarly liable to be followed by a hemorn hazy of red blood. Of the Lingmasts, The following circumstances sinclues us to believe the disease dangerous, a violent Lyresia, great difficulty of breathing, imperfect relief from the semedies employed; dif -ficulty of breathing being increased or lessened according to the differents positions of the body; is the one from which we are aft apprehend the most danger, a very violent Cough attended with fittle or no expectoration, poin of a very acute kind or obtuse attended with great difficulty of breathing; the last of which I conceive more

dangerous than the former; tendency of pain to shift from one side to another, Delinium be, which last is very common in Typhus preumonia — loken it terminates fatally, says Don Cullen, it is generally between the 3 to 4 yth day, though it often suffers a remission between those periods which is fallacious, but if attended by an Erysi pelatous inflammation, that remains fixed it is not apto to recur.

Of the bure.

This affection, like others of the inflammatory hind, requires the agency of the antiphlogistic measures in the strictest degree; and the first and most important parts of the cure, is blee and most important parts of the cure, is blee ding, which should be proportionate to the constitution and violence of the Symptoms, which are frequently so great as to call for the repitation of its I on I times in the 24 hours; but it some times happens that the sizy coat fails to be

our quide, appearing in the last stages when the sys ten has taken on a syphus habito action, till after several bleedings & sometimes som not through the whole course of the complaints; consequently We much be directed by the agency of other symptoms The next most importante measure, is purging; though professor bullen and others, object to this prace -tice, from observing a spontaneous Diarrhoea in the commencement proving of no benefit, of pather a disadvantage to the patients; But the Bowels much be kept open through the whole course of the disease, and the laxative medicines, such as baston Cil, Sounade- are absolutely in-- dispensible & frequently indeeds, in abstinate Constitutions, in bilious evacuations, I have resorted to Calonel, Rhenbarb, Jalap, Godophillum and with the happiest effects. Blisters are of the greatest efficacy, and should be pretty generally applied, after one or two bleddings

and purgings, and should be suffered to remain on 10 on 12 hours, for though at Six there is a plentifuel evacuation, yet at 12 there would be a much greaten, and it is chiefly upon that principal that they act, but they can rarely pernain as long as two days, from the circum - Hance of their producing strangury, when they must be removed. It sometimes happens, when first applied, from their pubefacient effect, they increase the pain, but that soon passes off when they begin to evacuate. The most common and best peace to apply them, is immediately over the pain, but when the Symptoms are not ungents, and even then I apply them on the wrists and between the Roulders & elbow, with deci--ded advantage. Jinapismy are not usefule in the acute & active forms of the disease, because they do not

evacuate, but may & should be applied in Typhies Pneumania, where such stimuli are required. Opium cannot be used in the first stages without detrimento to the patient, buto when the in - flam matory action of the system, is sub dued by plentifull vene section & pury ing and when little else remains but an ur gento eough, harrafsing the sufferen and disturbering Sleep, there Opium is an indis--pensible agent to relieve it; for its does not prevente, but only suspends expectoration, when after a while properly concocted, Mucus is thrown up, the best for mula to be employed in this disease is the following, called also the brown mixture, of which a table spoonfull is to be taken every hour? O4 - of Elisein Caregorie 31 antimonial Wine - 30 to 150 gls Poiling Wester ___ 3 vij _ It this

Medicine should sweat too much, substitute in the place of antimonial line, the powdered speece: I will further add, that is the preparation of the Paragoric, one half of the usual quantity of Camphon should be left outs; and all of the Oleum amisi. Digitalis is another sedative Medicine which I have used with much advantage, often bleeding, purging & blistering, when there was still much action of the pulse, which re-- quined to be reduced, but which, from the constitution of the patient, and from other ciacumstances, it would not have been proper to have reduced by bleedings, I administer it in conjunction with Mitre, as I have previously mentioned under the head of Rheumatism; I also emplay it in pleuristy accompanies by dropsical effusion,

Expectorants are also very mecessary measures, but they should not be resorted to, till the action of the arterial System has been reduced, by Venesaction, Blistering and Purging and then their Utility is doubtfule. The kind which I would recommend are the following, Viz - Small doses of Specac: com - bines with small portions of balance on Opium; also the blue file in the dose of 19th night & morning, and Kermes Mineral. When the bough is violent, the inhalation of the Steam of hot water, either alone or combined with a small portion of Other, is of much importance, to promote expectoration; with the same view, Some of the Marcotic Medicines are sometimes used; as hembock te- with much propriety. Of Serraka, Lately much has been said of this; but in the active pleurisy arising from cold

it cannot be used, untill the action of the Lys tem has been much reduced, when it will be found an invaluable Medicine; but when it arises in Marshy grounds, Seneka may be used much earlien than in the former case; In typhus Gneumonia à is highly usefull. Salivation is highly useful when the force of the disease has subsided and when slight pain, fever de- still remain, Hespecially after the bursting of a Domica, it should be ex -cited by balomel. Diet should be light, as ! Dago, tapioca, rice to- but milk is forbidden on account of its affording too much nourishment to the System & exciting fever; but Runnet whey is a very valuable article, If the various dile - out drinks are to be used, which may be acidulated by Cream of Tartan, Lemonjuice & The Bed clothes should be few, and the temperature of the room, says on bullen, should never be above 60 degrees, But the habits the of the patient must be taken into view, for we rarely meet with a case of a person who has been accustomed to a hot stowe, able to bean this temperature.

Bark is a very necessary Medicine, and indeed it cannot be dispensed with in Intermittent Pleurisies, though it is often needsary to bleed before the administration, The time for given it, is, in the intervals of the Paroxysmi of the precemonic fever, This occurs in Mourshy grounds, is much more obstinate than geneine pleurisy and is known by the fever coming on with a more lasting & violent chiel, Maurea and Sometimes a vomiting of

234 bilious matter -Of its efficacy in Syphus Pleurisy I have previ-- ourly spoken, and in the hiflammatory antermittents asserie promises much, when we think of its Moders Operandi, of its great superiority in Phthisis Pulmanolis. Emetics are never to be resorted to ; in the genuine precemonica from cold, but in the typhus pleurisy, they form the chief basis of our persedies, and here they much not be violent in their operation - a moderate dow of Specae; on antimony will derve. Campber in the lyphus form of this disease has been highly extolled by Dr. Parker of vin--ginia, though I have never prescribed it, yet, I have no doubt of its efficacy. The Wolatile alkali, is the medicine which

Jeonsmonly employ, in this state of the complaints, and which answers as well as any other; In the typhus preumonica which was epidemic in many parts of the United Hates, the Serpentaria vinginiana was successfully employed by many Physicians and was sometimes carried so for as to puke.

respecting pheumonic inflammation; and it is bro-bably necessary that I should add something respecting Cardities, Pericardetis, and Paraphre
specting Cardities, Pericardetis, and Paraphre
-nitis-but there is no precise symptoms which can,
in any degree, enable us to histinguish them, for the
palpitation and Syncope supposed to designate
the former, and the probent delirium and Risus
Sardonicus supposed particularly to mark the last,
are very fallacious, and it is by no means

absolutely necessary that we should be as -quainted with the pathog nomice symptomy of each, since the remedies to be adopted are precisely the same, only requiring the more liberal employment of the antiphloquitie plan, in the latter & particularly bleciting. of Quinsy . Of this profession bullen, has 5 diffiret species Diz Cynanche Tonsillaris, Pharyngaes, Paro tidea, maligna, & Trachealis; but they are all of them so intimately allied, that I shall not speak of them under a different dection, being genuine phlagmasice and requiring the antiphlogistic regimen to be employed; They, for the two Dyrapice, Sometimes of the ardent kind, recently light ness of the fances, (Gullen)

first, all that is necessary, is bleading, purging blistering, and the topical application of attringent gargles, of which, none answers better, than the decoction of Dak Bark and Allem, by nanche Tonsillaris, as an inflam - mation of the mucous congeries of the tonsels occurring chiefly in the young and Langer which inflammation may spread to the fances producing bynanche Pharyngea for this last is rarely an idiopathic disease, unless it be occasioned by the Swallowing of some acrid The other affections are of much more importance and therefore requires depende consideration and First Of Eynanche Jarotidea. * 3 haf This consists in an inflammatory affection

of the parotice and Maxillary glands, and the adjaining tela cellulosa, accompanied by pain and Iwelling which is Sometimes so great as affect materially front any to Dr. bullens definition of the disease the feinction of new piration; when the violence of the complaint is great, the fever runs high, the faces become frorid and is affected with a kind of Trysipela tous inflammation; believe the process of Mature is not interrupted, the violence of the disease abates and the feven is termi - nated by a spontaneous effusion of moisture from the affected parts, allended

Jones from little impeded (Synochen and degler Mow. (bullen)

by a general and moderate diaphonesis; Buto it sometimes happiens; at this period of the disease when swelling of the fauces subsides, that the mon and pain attacks the testicles, which when it terminates favourably is, as before, by an effusion of moisture on the Scrotum, though when this closes not take place, violent delineum may supervener and death be the consequence ; on the testicle be absorbed leaving only a feeble nucleus of the original, * leaving the patient com

Whe following cincumstance of Goal Wearhington which if true, may serve in Some me assure to account for his never having children, Dr. Shippen being at a table, where Gent Washington also was, the former gentleman was asked concerning the health of the lity when he

practice completely incapaciated from the power of procreating. at the same time as in men, the breasts of the very young Jemale is affected, though reasoning from analogy, desepect the ovaria are much of tener the subjects of the Metastasis in Women, occasioning sterrility. At is generally an Guidemic complaints Seldom sporadic and never contagious, it occurs principally in the Winter Ifpung and may

washing but Mumps in the town - to this Gen! washing ton replied to a Gent sitting next him, that the bon made too light of Mumps, for that he once had it, but had never re
covered from its effects.

never attacks the System but once, which in--cumstance plainly proves the specific Ma ture of the complaints.

of the bure.

This disease rarely requires much bleeding on purging in the incificant stage, for it is aft to run into a typlus state, and the most impor tant me asures we can adopt, is to apply a large blister over the whole of the tumified parts, when the pain and tunefaction are so considerable as to require our attention, for by being thus applied, it will certainly miligate the violence of Monbid action, and probably fre went the translation of the disease to the testicles; but when they become affected and delirium supervenes from an absence of Swelling in them, be Cullan suggests the pro-

propriety of warm formentations, on by bles -ding, blistering, vomiting to to oboi. ate the consequences of its absence. When it takes on the Typhus state the best cordial is wine, and the bolatile alkalie is a remedy of the greatest importance. * _ Cynamche Inachealis, ourgarly called brough and sometimes Hives, distinct from from the crysipelatous affection of the eskin, Sometimes so called, It is an inflammatory affection of the Frachea attiged with great difficulty of respiration, croaking voice, and whigging inspiration, accompanied by a tightness and straightness of the chest * Difficult respiration, inspiration land, voice hourse, cough thank; little swelling of the forces deglutition easy, Synocha

and fever often of the highest grade, though I have known it to be of an intermittent form, observing tertian I quotidian periods, it is a disease most common to children, but rarely attacks them untill after they are weared, I above that period, the younger they are the more liable they are to ito - But lon bullen errs, when he says that persons above the age of twelve, are neven affected by it, for several facts are on record, and several facts are within my knowledge, where adults have been attacked by it, and it was to this disease, that the illustrious Bashington fell a victim.

The period of duration is very various, sometimes lasting 4 on 5 days, which is more especially the case when the disease comes in with the ordinary symptoms of Catarrh, which is by no means uncommon, but bequently again, it

it finishes the catastrophe within 24 hours after the attack - It is not contagious though it may rise from the same causes of those that produce epidemic diseases, as was the case after yellow fever in the year 97-I do not accord with her Mush in believing there may be a spasmodic Croup ; but, nevertheless I know that there may be an Idiopathic one, such as I have described, and a Symptomatic one arising from a Sore Athroats (whech from this cause may be extremely Junes pected, It is more obstinate and difficult of cure than the genuine bynanche Tonsillaris. A membrane is sometimes formed in inllammatory croup, which may be sep - excited from the billout tunic of the Machea;

though this seldown occurs, it being more often an excedention from inflamm ation than the formertion of any distincto substance of a Membranous Hucture.

The chief of these is a moist atmosphere, hence its frequency in damp, sea port towns, medsles and Pertusses may also be rackoned among them

Cold, and March Miasma, which last, is undoubtedly to, the former does certainly sometimes produce the disease, but I am inclined to believe that it more often depends upon a peculiar state of the Utmost phere - This fact I saw strongly illustrated during, or a little after the prevalence of the yellow fever, when many were affected with

a genuine bynanche Trachealis, accompanies Sometimes with a yellow skin I in one case with the black vomit - Sometimes the dis ease is a mere metastasis of pricumonic att inflammation producing the preumoner teachealis of Darwin. booms are sometimes an exciting cause of this complaint, particularly the round worm from travelling up into the resoft agus & producing inflormation and initation of the surrounding parts, and genuine bymanche drachealis, one case of which I have distinctly seen in asmuch as the patient was not relieved, till the discharge of those worms by the use of an Emetic, and Dr. informs us of Ascarides produ cing the same affection.

Of the bure. Aleeding is the first, one of the most important and one of the greatest remedies in this disease, and for a history of its efficacy I refer you to On Dicks excellent treatite, a resident of alexandria in birginia, whose practice was to bleed, par ticulary in recent cases almost "act deliquium accerni! On Hillary of Barbadoes and Do Ferrier of England coincide in opinion as to its efficacy, and hence it being a remedy in all Climates, in which the complaint appears, there can be little doubt of its absolute pro priety, though I have often seen the complaint yield without detracting a drop of blood. Hon local depletion, beaches have been recom mended and Sometimes, no doubt atten ded with good effects, though they are slow, troublesome, painfull, I subject the patient

248 to catching cold, Tearifications have like -wise been recommended. Blisters are highly valuable applied before the trachea, and sometimes behind the neck and ears, in genuine bynanche, but in the peripreumomen Trachealis they are most successfully applied in the Hernum. Sinapisms, are however, much more effectual in dangerous cases on account of the prompt - ness of their action, which we obtain in less than 50 Minutes, when we may remove them and apply Blisters, if we wish an eva - cuation - Incedent add, that by their previous application, the evacuating of fects of blistering is generally accelerated. Emetics are permedies which cannot be dispensed with; in the treat ment of this

disease, though in violent cases, it is frequently necessary to bleed, and even blister before as ministering them; Of there a variety has been employed, but in common practice, I make use of the powder of specae - and Sometimes though not often the line of specae: There seems indeed to be Something specific in the operation of this medicine, but to be effectual the dake Should be large, about 4 grains to a child Execut old; I have frequently combined it with calonely and with decided and Fattar Emetic is also very valuable and of late the antimonial wine, is now very generally used, and with great success, though dam not so partial to the as the close is un manageable. Where

Where a prompt and expeditions operation is requisite, none promise more certainly to. effect that, than Supith Mineral; it is a Medicine which of Stremuously recom - mend to you, for it is attended with no kind of danger , and like Specae: it is thrown up, almost at the first bomit and does not linger in the Somach like preparations of Autimony - To a child Typan of, the dose is generally 3 gm. I prequently quie it combined with aprecae; The corrosive sublimate of Mercury, has been successfully employed by the Physicians of Mary Eand, in a letatery Solution. though I have never used it fet I can rely on their testimony. . Volue Vitrioly by means of the suddensels

of its operation, is a very valuable remedy in violent and dangerous cases, it ought to be preseribed in broken doses, in Solution untile it proces Emetic. The infusion of Mustard, I have often prescribed successfully, so as to take puke, when the violence of the disease has not been great; and I have been often cut thort the violence of the disease, or rather prevented the formation of it, by a tea spoonfule of recently prepared Mustain, for if it be of long standing, its acrimony would be aft to produce Strangulation. Calomel, is a medicine of the first importance in this complaint, and in my prace -tice, after un Ematie, d generally pre-- scribe this; It is employed by the sicions, to fucke, Salivate, Junge, and promate

expectoration; not much benefit can arise from an attempt to salivate by it, because I do not recollect, ever to have a case where Styalism was excited among Children in this disease, and only once in adults. But it is probable, that by increasing the Secretion from the faucks, and abstracting morbid excitements from the trachea, It may thereby contribute to relieve the affection; much more is to be expected from it, when it purges, pules, and proves expector antificent to be of service, it must be given in large dodes, I frequently give it combined with Specae: when its efficacy is improved. Some Physicians have given it in doses of 30 gry, on 40 or 50 inthe 24 hours to a child Iy sun old, but this is certainly two much

The Polygala Seneka is a very excellent remedy, but in general it is necessary to breake the force of the disease, by bleeding and an Emetic, when its expector cent power will be more readily produced, but when the complaint is not of the highest grade, I have several times cured it by the agency of this remedy alone pre-- Scribed in the form of a strong infusion, the acrimony of which may be recovered by honey; but if it purges, its efficacy is much diminished. The Sanguinaria Canadensis has been

much recommended by Drs. Greggs and Smith on account of its eschectoraht qualities its sensible properties are very much the same with those of the Seneka.

The afsafoction, in the form of the watery solution, on account of its expectorant properties, has been spoken of as being usefule in the 25H I di opathie; but more especially in the Sympetometic by nanche Trachealis, and indeed in the former - I have successfully prescribed it, though it was not untill after other remedies have failed. It may be exhibited both by the mouth and in the form of an Enema. Indigo. In bulpepper County Virginia, this has been used with unusual success, as a domestic medicine, of its modes operandi I can entirely ignorant. The French have properly bedvided the vispiration of the steams of hot water, impregnated with vitriolic Other, with a view to promote expectora tion, though this must not be preseribed untill the energy of the disease has been

subdued by proper measures; and in this state, but particularly in strong convaloscents from the affection, strong boffee may be

very advantageously used, as it is both an

agreeable Stimulus and promates expectoration in a manifest degree. As to the pro--priety of Bronchotomy I say nothing. Cynanche Maligna, or Scartatina These are precisely the same, though professon bullen, consider them different; the patients dirst feels languid, with the ordinary symptoms of fever, which is soon formed, and on the second day of the fever the throat become slightly some If the neck stiff, on the morning of the third day the body is covered with a scarlet tinge, or more properly the colour of a boiled lobster; this colour is not owing to the formation of any pimples on eruptions, for the skin feels perfectly smooth to the touch I when prefsed upon, the redness disappears, but returns on removing the prefdure, with this Scarlet colour there is some tumefactions of the body on parts in which the blotchess on

reducts are most perceptable; if the patient lives till the 6th day, then the searlet here of the skin becomes brown, and the cuticle peals off in Scales, and nearly at the same time, the turne faction subsides, the pulse is small, quick I feeble, The Urine is discharged in Small quantities, or if to lay the foundation of succeeding anasarea, which comes on about the 15 th day, if the disease lasts so long; in the mean time and soon after the appearance of the complaint, the James become affected with ash coloured spots, that soon become deep seated Alcers, the matter of which sometimes Spreads into the neighbouring parts, particularly in the tracked, producing symptomatic Frache--alis, of which we previously spoke, and sometimes into the Nose, producing Coryna, and also into the alimentary banal producing dangerous Diare - hoea, The parotee Vother neighbouring glands are also

much affected. The violence of the disease, is 20% often so great, as to cut off the patients on the 3 day. This Complaint is more aft to occur in Children than in adults, and such is its Similarity to some other diseases, that it is often difficult to distin quish them aparto, frequently impossible, thus It may be confounded with Typhus Petechialis, but here the spots are more especially confined to the neck, back to - It may be distinguished from the purpurea, purple fever, or red gum of childre by the pustules, being prominent in this last disease, appearing late and not loosing their colour apon pressure; in Measles the pustles vin above the surface and appear a little later than in Anginosa, and in Erysepelas, the redness is less extended over the body. There is no febrile disease in which the shin is more preternaturally hot than in this, and such

is its great resemblance to measles, that it has been recovered by many authors, as only a variety of that complaint, and denominated putrid measles, but there is no such disease, The Scartatina Simpley of Sydenham is also the anginosa. De Hoen has seen them both raging at the same time, at vienna, at the same place and at the same time in the same family. So that there is little docton that the Simpley, The anginosa and the Cognanche Maligna are one and the same disease, produced by the same contagion, the nature of which we are entirely unacqueainted with. That this disease is con tageous, or may be communicated by touch or vicinity to the diseased person, in which Sense I use the term contagion, I not in any peculiar state of the atmosphere, Most Physis -cians are agreed, though I think I have known

it owe its origin, more than once to a newly white washed house, moist boards, and other circumstances courseted with the white wash, that may produce it. However many facts prove its contageous nature; it may be taken from inhaling the breath of the patiente, which is here intolerably forted. & Dr. William informs us, that Phy dicians, who are the chief victims of the disease, in exami-- ming the fauces of the patients, have a sensation communicated to the touque from the efflu via of the diseased parts, Similar to that of green bitriol, occasioning an increased flow of Saliva, Sometimes Mausea Veven vomitting. Of the Course. In the treatments of this affection, I shall consider first - The Scarlatina Simpley in which there is no disease of the fauces - In The auginosa, in which the fauces are not so much affected

as to endanger life, 3? the Cognanche Maligna in which the ulceration of those parts is very to the patients -And first of the Fimplese _ Der. Ly den ham has very correctly observed, that here the life of the patients is in no lind of danger, untill he gots into the haires of the physician; for the over officious practitioner it very aft to do, too much, It requires but little medical aid, for the disease often news its course without any remady and with but little inconvenience to the patients, The most that is necessary is, for the patient to be plentifully supplied with cool ain, to live entirely upon a pregetable diet, & to enjoin cleanlines, the best remedy necessary is where, and Sohn ctimes it may be necessary to preseribe a Saline Cathartic.

Learlatina anginosa, Bleeding in this disease is sometimes necessary, though it is not in general indicated and should be prescribed with caution, Ourgatives are likewise, but seldom required, the bowels being more regular in this, than in any other febrile affection, but I have had occasion to prescribe Calonel & Rhub arb here, with manifestly good effects, though we should be nice in prescribing them. - - - - Emetics are likewise very important agents here; and so in dispensible did In Rush conceive them, that he never visited a patients without prescribing them, and frequently joined a portion of Calomel with a view to their ope ration on the bowels _ Withering speaks highly of them, and he commonly administered tarta-- riged antimony combined with a small por--tion of specac: So as to make a strong impression on the Tystem - I generally use the Specae: I some - times the Tempeth mineral, especially when we

want a quick operation, as in dangerous cases - It is probable that the blue vitrial might be used with Atisters, The Physicians of america, have found of great utility, and I have used them with no small advantage to the patient; they may be laid on the throat and back of the heck. To allay the inordinate heat of the skin, the cold bath would naturally be suggested, and according to De Currie of Liverpool has advised it, When in the hight of the Scarlet efflorescence, great heat and dry skin, nothing has been found more aminently successfull than spunging the body 12 on 15thines & day, with vinegar & Mater, which very generally allays the heat, brings on Diaphorisis and a referer represhing sleep -Dr. Willan recommends the oscy miviatic deid, but I have never tried it; his dose both for adults I Children is entirely too great, being 40 doops

former, and ten for the latter, and in fact aci -dulated their drink with ite. We should not begin with more than if of that quantity -The Vitriolic acid may be used more liberally and Children take its very readily; it should be Given in Rose Water, The bropsy which takes place in this disease, ne - cefsarily requires the use of diwretics, and accor-- dingly Dr. Willan has advised the use of the begetable fixed alkali with much advantage to his patients thus circum stances. In. Thaton also speaks of the use of Digitalis in this complainte, though I should not like to Cynanche Maligna, is much the most formida I ble; and what we shall relative to it that also apply to by nanche Trachealis Symptom atica. Oleeding wither general on local, is to be entirely rejected for even local depletion in this disease

has caused the pulse to sink forever. Ourging is absolutely to be abstained from for the Same reasons - Emetics, however are valuable agents here and count, well dispensed withy and in all states of this affection the inhalation of the steams of vinegar impregnated with Myork have been found eminently usefull, and also the suspication of Sulphuric acid poured upon burning Coals, has been found by In the best means for cleaning the foul Mekers of the throats & preparing Them for a proper digestion. Dr. Withering is of opinion that the bootest Peru - viames is of but little utility in this complaint, but the experience of Wall and almost ale other Physicians give the negative to his position, and indeed it is a periody of the petroth importance Stitlers - Weithering has farence totally ina - dequate to the cure of the Complaint, and in - deed he has found them injurious,

Alyrch dissolved in bingan, has been found of universal advantage - And in the West Indies the Capsecum I am informed has been and. - ministered with unusual success in the following manner: Of Capsicum 3 trable spoonsfull Common Salt 3 Detto - made into a paste by being first heated, and then add to it spints of Vinegar, of which Mixture, a table spoonfull is a dose for an adult. The Volatile alkali has been employed by Br Beart with considerable advantage in the following man ner - Dissolve of Mol: alk: Zij in zv of water, of which give One or two table spoonsfule every 2 hours, I and thus administered he found it one of the most Oucces spice remedies to relieve Delirium, Hever, and the mordinale heat of the Sking which constantly attends this complaints. antiseptic Gargles. - when the patients can use them, are of much importance, and are composed of

Back, Mynh, the bitriolic acid, and also the other animal dieds, The Attingento Gargles are likewise employed & Dr. of Newlyork has Jound the decoction of White Oak Bark. Turnach and a small pontion of aleun is of eminent Utility, it therefore deserves a trial, The decoction of Serpentaria, given internally in this complaints, is also greatly calebrated. Of Measles, 3 Rubeola is the name given to this disease by Favages and it is one which I shall actofite. Cullen defines, Enanthemata; Court ageous, attacking a person only once during life; Lever at definite times eruptions, often numerous Ismall, take place on the skin; Measles, infectious, inflammatory fever, snew - zing , a flow of homour from the eyes, dry and house cough. / Cullen /

Their seems some peculiar disposition to this disease, for it will sometimes attack for 6 Childen of the same family while the Ith Will escape; though at some future period it is liable to the complaints - It is less dangerous and less apt to produce abortion in women than the small pox, and indeed, it seems that they can take it without any hagard of such an ifsue, It has been observed in England that measles may occur without any catarrhal affection which incumstance hoesever does not prevent the patient from any other future attack, It is a fact worthy of remark, that Childe affected with this disease in the spring are subject to a Cholera in the subsequent one, while adults are liable to Dysentery _ The fever attending measles is generally very violento immediately before the cruption, but then, sometimes, though extreemely seldow abates, or ceases altogether; A is more afto to continue in an increased degree untill the mealy difquamation comes on, and even then

it is not unfrequently continued for a long time after & is ottended by a Cough. Measles may lay the foundation of Phthisis Pulmonalis it is often followed by Chronic hourseness & Opthalmia It is believed by many, that Small for and Measles may exist at the same time, in the same subject and is their termed by Mosologists Rubeola Variola, I am far from not believing this facto for Dr. M. Fride has informed us that he has seen both diseases dis tendly marked in Child " who had been previously Attacked innoculated with variolous matter and afterwards were evidently affected by both of the complaints. Of the Prognosis, Il mild bian how, a moist thin , and even a tolerably copious sweats towards the end of the disease, copious discharges of Urine, a free

appectoration, or hemorrhayy from the nose, when the head and eyes are much affected, are deemed favour -able, Whereas a Copious Diarrhaa, a tendency to Uneumouse inflammation, frofuse sweath, a change of the exeption, from a red to a livid hue, petechial Spots, suppression of the eruption, more especially when that be followed by violent pain hi the head, & presemonic inflammation are considered unfavourable appear ances of the loure. This being a disease of a highly inflammatory notice - a regular adherence to the antiphlogistie plan it in dispensible - and among the first and most importante remedies, is bleeding at any stage of the complaint if circumstances Cuthorize ite; both before and during the erup - tion, and before and frequently after the des-

-quaration, It is particularly necessary, where so the delicacy of the habit, narrowness of the chest, and batar hal affection, which always attends ite, and where there is a predis position to Phthisis, to employ the lancet liberally in the early stage, when other Symptoms do not indicate the contrary course, and in shorty whenever the heat is greate, pulsequel, tog other with pain in the head & side, & Dyspinoca W. I. must be employed. No matter at what time these symptoms appear, for frequently the violence of the complaint is suspended for some time; and undeed, we may receive it as an axiom, that it is as necessary to bleed here ad in Plourisy, The lough is to be treated by demur lesuts & Opium but with regard to the latter last, there is more caution necessary, when the influence atory diathesis is considerable, when there is much

dysproca and Symptoms indicating preumonic suffammation it cannot be used; but under of -posite circumstances it must be employed, for it is the only remedy to allay the Cough, and when thought necessary the Brown Mixture is the form in which Templay this Medicine. a Jed Made of Mulling also a Tea made of the butter wood tree of birgina are effectual remedies in quicking the Cough, the latter contains much mucilarge & duodyne property, Blisters are very importante remedies, and what be have said relative to their use in Preumonia is applicable here, they may be applied on the Chest and on the upper arm; they are also the most usefull remedies for the ofthalmed con - sequente to Measles. Verges are not required, for there is for the most parte a diarrhoea constantly attending

the complaint, and are that is necessary, are mild begatives, and drastics and to be studiously avoided, as they might be productive of serious injury. It has been thought from the and - Logy between Measles and Small pop, that cold ain might be as effectually made use of in the former, as in the latter disease; but ain that is too cool might occasion a suppression of the eruption which might be followed by dangerous consequences. In the Ustates therefore, Physicians agree that a moderate temperature is propen, and a mild cool ain is all that is necessary. Children Sometimes previous to the employ, are seized with a convulsion which is to be relieved by landanum & Sinapisms, and when the inflamma -tory symptoms run high, by bleeding and by all means avoiding cold ain.

The hourseness, which is a Sequala of Measles, & Sometimes approximating almost to a total loss of voice, requires our cetterilion - demulcents & penging have both been ineffectually employed; but the cortex peruvianus has been more succef--fully employed, as also opium, but I have found the bol: alkali: a more certain & effections remedy - than any other Shave ever employed besides, for & have relieved cases, where there was almost a total less of voice by the use of this medicine alow. It is possessed of expectonante virtues, that do not belong to any other two articles - Ineglected to mention that Measles sometimes occur without any erup tion, or rather that a fever following the same course, and attended with the other Symptoms of this affection, sometimes attacks persons while mossles are epidemic , having its origin from the

275 Same cause that produces thew disease. Measles may be communicated by innoculation, which was first proposed by Do II. Home of Edinburgh who practised afor many years before his death, and quies his testimony in favour of it, though I believe no good effects has vesulted from its. A may be communicated by incerting a lancete wito the Skin of the patients, when the eruption is the greatest, so as to obtain a little of the blood, a small piece of Cattany's to be moistured with ite, and incerted into a similar in cerean made in the arm of the healthy particule, on its may be contracted by innoculating with the water of the eyes and Mose of the diseased patient, as also from the brauny Scales & Saliva. The fever which follows the innoculation comes on about the for fithday - as in variolous inno culation, but when exposed to contagion,

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Josem it indispensibly necessary previous to the sinoculation, that the body should be properly prepared far in small past in order that the violence of the disease hight be befored, though a difference of opinion has prevailed among other men.

If Hepatitis. see opposite page * The acute form of Apatitis, Der bullen describes, an inflammation of the liver, accompanied with Synocha / which is frequently intermittent) and pains sometimes of the acute, but more often of the obtuse kind, in the right hypochon drienn which frequently extends up to the blavicle & Shoulder of the side affected. There often occurs dysproca, Cough and other phenomena which lead us to confound the disease with pleurisy, the pain prequently attacks the left side, instead of

the rights which renders our deagnosis difficult & almost impossible, - Women I think, are more subject to it than men, though the last from intern percence are much more subject to a Schisrous hiven - This disease may be very properly divided into Idiopathie and Symptomatic, or such as originate from other complaints, and the last a think are by far the most prevalent of frequents. (Remote bouldes, though in general, difficult to be under stood, arise evidently from the same Causes as Rheumatism, Fover, Dysentery to bold is more apto to give rise to ite, when it act So as to suppress perspiration, & that marsh miasmited * Cyresia, tension spain of the rights Aspochoncerium, Sometimes pungents, but often duce pain of the right side i pain on lying on the left side, difficult respiration, dry bough, bomitting, Hiccorp:

Micesmita is a course we all know, from the Gener attending being of the intermittent form, and from the disease occurring more frequently in those parts of the Muted States where Miasina exects its greatest influence on the System; It is common in the South of asia, & Bornes where diseases which have their origin from Marsh effluoia prevails, a fracture of the branium Sometimes produces ito, and its occasionally occurs in the Hydrocephalus Internus of Childen Owing to the Sympathy between the brain and that viscus; and I am very confident it may arise from the translation of acute gouth, and sudeed, I have been once affected with it, from that cause my self _ It terminates like other suflammations in resolution, suppuration, and gangrene, though the last is extremely uncommon, the matter collected may be

discharged by the beliany ducts, into the intestine, and into the cavity of the abdomen, it may form a tumour & burst externally; It may make its way through the Diaphragin and be coughed up, It has also been said to have made its way into the pericardium, and also into the Cava and discharged by the Urine, these two last routes are very unu sual; Alther it terminates by resolution, it is generally from some known evacuation as hemorrhagy from the Note in the young And by hemorrhoids in the old _ bilians evacuations, Sometimes by a profuse Sweat, and a large discharge of Mrine. If the Cure? This like others of the phlegmasia, require the antiphlogistic plan, and among the most in furtanto

importante is blood tetting, which must be large and Juguently repeated - according to the surgency of the Symptoms - and when V. S. cannot be Suplayed and at all times, topical bleeding with leaches & Cups is very usefull -Slisters are of the greatest Utility, and indeed, the disease cannot be cured without them well, They must be large, and extending entirely over the seato of pain and must be repeated Aten - We cannot expect any thing from subefacient effects, and it is from the evacua tion effect alone, that we rely. Issues made by baustic are also much used, but all advantages resulting from them, may be obtained from Blisters; Warm fomentations are also of much advantage Ourging is of the first importance and we are

led to its use from the circumstance that Diarrhoea So often proves a cure for the disease, drastic purges, are not to be preferred, it is the mild kind which Should be administered and often repeated, such as Ol: Ricini, Sal Glauber, Sennoe to though I have several times made use of balomel joined with Rhubarb with the happiest effect, and when purging cannot be much resorted to , particu-- larly under a mer curiol course - the frequents use of large Enemata to relieve the acrici contents of the Intestines is of the first importance. The Digitalis I have used in combination with Mitre, and commonly give it so, as to produce Mausea, the great advantage resulting from the use of Mercury in the complainto, so as to pro-- duce a slight Phyalism, is now well attested by Chysicians of all climates, the energy of the

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disease must, in some measure be lessened by the previous venesction, blistering Thurging before resorting to the use of Merenny, It will Sometimes happen that one course of Museury will be of no service to the patients, but if re-- peated it will show itself to be of the greatest advantage to the patient, but if repeated it will Show itself to be of the greatest advantage to the patient, two cases of this kind I have seen in Momen who came from the W. Indies - To excite the salivation, Calonel with Opium, blue file and inunction may be used -The Mitrie acid has of late became of great celebrity among the Physicians of the bity in the cure of Aspatites, I never employed its, but in one case, which is now in the hospital, to whom I gave up -wards of 50 or 60 draps in the course of the 24 hours, The patient seems to be improving under its user

and the testimony of other Physicians whose experience have enabled them to judge faither of its utility should induce us to make trial of ito. When the complaints is attended by a fever of the Intermittento kind, The Back and assenic should be resorted to during the intervals, though it will be Still necessary, to draw blood of during the paroxy sung if circumstances require it, The arsenie I found last spring, to be a remedy of the greatest importance in several cased in which I employed ite, Chronic Aepatitis is to be cured by Blisters, Burging; Sinapisms, which are not used in the acute form, & a slight mercurial course. I have frequently em - played the bol: Alkali; and bol: Tincture of Guiacum and cured, when all other remedies failed, I may here fubjoin, that the Liven sometimes butth, and mort al hemorrhagy Supervenes. Alenites is a disease I know nothing of , and indied

there are but two cases recorded of its existence, it is however of an inflammatory affection of the Spleen, attended by Lynocha pain in the left hy pochon driver and tumour, which sometimes Suppurates - It is to be treated by the same reme - dies which are made use of in Aspatitis,

